



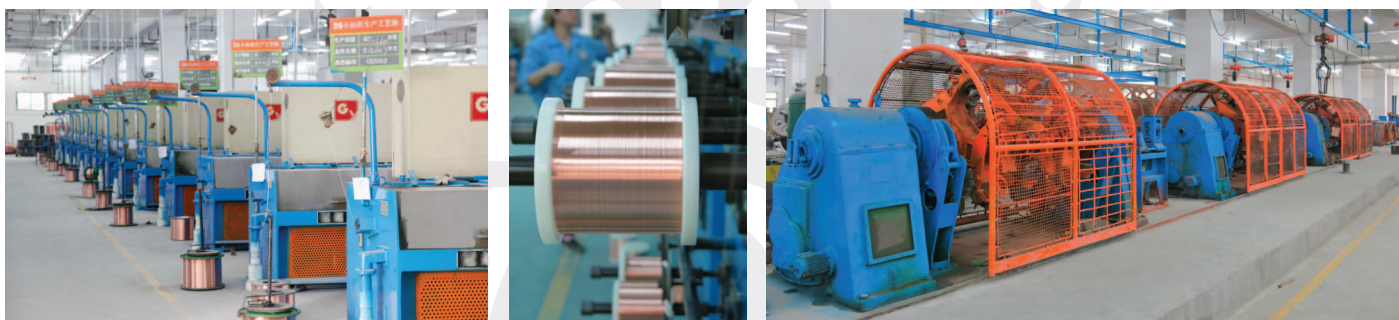
寶馬電業有限公司

S.G.H. ELECTRIC WIRE & CABLE CO., LTD.



ONE-STOP CUSTOMER-FOCUSED
WIRE AND CABLE MANUFACTURER





寶馬電業有限公司

本公司在香港創業，歷史悠久，承蒙各界同仁鼎力支持，得以迅速發展，
產品享譽本地及海外市場。

寶馬電線電纜(深圳)有限公司於1988年於中國深圳特區設立，為擴大本公司生產業務和增加產品範圍，於2012年寶馬電線電纜(東莞)有限公司於東莞長安成立。廠房總面積超過380,000平方尺，配有先進的機械設備，經驗豐富的管理技術人員，及訓練有素技工。更於1998年起，企業榮獲ISO9001質量體系認證。

公司主要生產“寶馬牌”各款式電線和銅材，主要產品有電力電纜、防火電纜、控制電纜、通訊電纜、通用橡套軟電纜、裸銅線和鍍錫銅線等。產品可按國際IEC標準、中國GB標準、英國BS等標準生產，也可按客戶要求制造各類特殊電線電纜。寶馬電線電纜更榮獲：

- 國家質量技術監督局頒發“全國工業產品生產許可証”；
- 國家出入境檢驗檢疫局頒發“出口產品質量許可証”和
- 廣東消防局頒發合格生產阻燃和耐火電纜。

寶馬牌產品更獲得國際KEMA產品認證和中國電工產品認證委員會安全認證，可分別印上“KEMA-KEUR”和“CCC”標誌。本公司現仍不斷開拓新產品，及擴大在電線電纜市場的佔有率。

公司本著“品質第一，服務至上”為宗旨，以精益求精、為顧客提供各式各樣的滿意產品。熱誠歡迎各位垂詢及惠顧本公司產品。

S.G.H. ELECTRIC WIRE & CABLE CO., LTD.













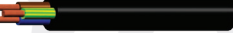






Our company is a well-established Hong Kong based manufacturer of copper wire, power cable, fire proof cable, control cable, appliance wire and communication cable. Our commitments to quality, along with employees who care about the products they produce and the customers they serve, continue to be the basis for our growth and success in both domestic and overseas markets we serve.

In 1988, our first production plant in Shenzhen Special Economic Zone was opened allowing our expansion for overseas market. In 2012, our large-scale production plant in Dongguan was opened for further expansion in Mainland China and overseas markets. This plant occupies a gross area of over 380,000 square feet and is equipped with advanced machinery and backed up by experienced technicians and workers. Starting from 1998, our factories have been awarded ISO9001 accreditation. S.G.H. ELECTRIC WIRE & CABLE offers a broad spectrum of wire and cable products under the brand name of 'ROYAL HORSE'. Our products are guaranteed to be safe and reliable and are in compliance with China national standards, IEC standards and British standards. Our products are also certified by international certificate body (KEMA) and national certificate body (CCEE) and can be marked with either 'KEMA-KEUR' or 'CCC'. We can also provide custom wire and cable solutions.

We strive to achieve customer satisfaction through offering of our products and services that solve the most challenging or unique applications of wire and cable. Please let us to get start with our quality and reliable products and become your best business partner.












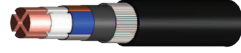



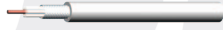

















應用例子 APPLICATION EXAMPLES

通用塑料絕緣電線 GENERAL USAGE PVC INSULATED WIRE	稱號 Cable Types	用途 Application	
	 H05V-U, H05V-R, H07V-U, H07V-R, BV	光管 Tube Light	
	 NYM-J, NYM-O, BVV	大廈電路，固定佈線 Building circuit, Fixed wiring in sites	
	 H05VVH2-U, H05VVH2-R, BVVB, BVVB+E	牆插座 Wall socket	
	 60227IEC10 (BVV)	固定佈線 Fixed wiring in sites	
通用塑料絕緣軟線 GENERAL USAGE PVC INSULATED FLEXIBLE WIRE	 H05V-K, H07V-K, RV	總機接線 Switch board wiring	
	 H05VV-F, H07VV-F, RVV	家區電器 Home appliances	
	 Twisted Pair Cable, RVS	照明裝飾 Lighting decoration	
	 RVPV Screened Wire	監控攝像機系統 Surveillance camera system	
橡套軟電纜 RUBBER INSULATED FLEXIBLE CABLE	 H05RR-F, H07RR-F, YZ	風力發電，船舶 Wind mill, Vessels	
	 H05RN-F, H07RN-F, YC	油田，港口吊機 Oil field, Harbour Crane	
	 YHF Welding Cable	焊接 Welding	
鎧裝電力電纜 ARMoured POWER CABLE	 NYY, VV, PVC/PVC	機場，橋樑 Airport, Bridge	
	 N2XY, YJV, XLPE/PVC	海港/渡輪碼頭 Harbour/Ferry terminal	
	 N2XBY, YJV22, XLPE/STA/PVC	建築，電廠 Building, Power plant	
	 YJV32, XLPE/SWA/PVC		



稱號 Cable Types

用途 Application

防火性能電纜 FIRE PERFORMANCE CABLE		H07Z1-R (BS6387), NH-BV	     
		H05Z-U, H05Z-K	
		FR10, LH10, XLPE/LSZH, WDZR-BY	
		FR30, MICA/XLPE/SWA/LSZH	
		H05Z1Z1-F	
		H071Z1-F, RZ1-K, LSZH-LSZH Heavy Flexible Cable	
		Fire Alarm Cable	
同軸電纜和影音線 COAXIAL, AUDIO & VIDEO CABLE		CATV Broadcast Cable	  
		RG Type Coaxial Cable	
		RVB, Speaker Cable	
電信和網絡電纜 TELECOMMUNICATION AND NETWORK CABLE		HJV Telephone Wire	 
		Cat 5e & 6 Cables	
控制信號電纜 INSTRUMENT AND SIGNAL CABLE		KVVP Control Shielded Cable	   
		KVVRP Control Flexible Shielded Cable	
		BS5308 Instrument Cable	
		RD-Y (St) Y	

通用塑料絕緣電線 GENERAL USAGE PVC INSULATED WIRE

聚氯乙烯無護套電纜 (單枝單膠) PVC INSULATED NON-SHEATHED CABLES (SINGLE-CORE)	12
聚氯乙烯絕緣護套電纜 (單枝雙膠) PVC INSULATED PVC SHEATHED CABLES (SINGLE-CORE)	14
聚氯乙烯絕緣護套扁型電纜 (雙枝雙膠) PVC INSULATED AND PVC SHEATHED CABLES (FLAT TWIN)	16
聚氯乙烯絕緣護套扁型電纜 (雙枝雙膠+水) PVC INSULATED PVC SHEATHED CABLES WITH CIRCUIT PROTECTIVE CONDUCTOR (FLAT TWIN + EARTH)	18
聚氯乙烯絕緣護套扁型電纜 (三平線) PVC INSULATED AND PVC SHEATHED CABLES (THREE CORES)	20
聚氯乙烯絕緣護套電纜 (公制多心硬線) PVC INSULATED PVC SHEATHED CABLES	22

通用塑料絕緣軟線 GENERAL USAGE PVC INSULATED FLEXIBLE WIRE

聚氯乙烯絕緣單芯軟電纜 (控制引線) PVC INSULATED NON-SHEATHED CABLES (CONTROL CABLE)	26
特軟型聚氯乙烯絕緣護套軟電纜 (充實型 / 棉紗型) PVC INSULATED PVC SHEATHED FLEXIBLE CABLES (FILLED)	28
輕型或普通型聚氯乙烯絕緣護套軟電纜 LIGHT OR ORDINARY DUTY PVC INSULATED PVC SHEATHED FLEXIBLE CABLES	30
聚氯乙烯絕緣絞型連接軟電纜 (紅黑對絞線) PVC INSULATED FLEXIBLE WIRE (RED/BLACK TWISTED WIRE)	32
聚氯乙烯絕緣護套屏蔽軟電纜 PVC INSULATED AND PVC SHEATHED SHIELDED FLEXIBLE CABLES	34

橡套軟電纜 RUBBER INSULATED FLEXIBLE CABLE

中型通用橡套軟電纜 (橡套線) ORDINARY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS	39
重型通用橡套軟電纜 (橡套線) HEAVY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS	41
單層或雙層電焊機電纜 (電焊線) WELDING CABLES	44

鎧裝電力電纜 ARMoured POWER CABLE

聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (1-4芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)	47
聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	50

聚氧乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (3+2芯)	53
PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)	
聚氧乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (4+1芯)	56
PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)	
聚氧乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (多芯)	59
PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)	
聚氧乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (1-4芯)	61
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)	
聚氧乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (3+1芯)	64
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	
聚氧乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (3+2芯)	67
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)	
聚氧乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (4+1芯)	70
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)	
聚氧乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (多芯)	73
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)	
聚氧乙稀絕緣、鋼帶鎧裝、聚氧乙稀護套電力電纜 (1-4芯)	76
PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)	
聚氧乙稀絕緣、鋼帶鎧裝、聚氧乙稀護套電力電纜 (3+1芯)	79
PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	
聚氧乙稀絕緣、鋼帶鎧裝、聚氧乙稀護套電力電纜 (3+2芯)	82
PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)	
聚氧乙稀絕緣、鋼帶鎧裝、聚氧乙稀護套電力電纜 (4+1芯)	85
PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)	
交聯聚乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (1-4芯)	88
XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)	
交聯聚乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (3+1芯)	91
XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	
交聯聚乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (3+2芯)	94
XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)	
交聯聚乙稀絕緣、無鎧裝、聚氧乙稀護套電力電纜 (4+1芯)	97
XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)	
交聯聚乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (1-4芯)	100
XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)	
交聯聚乙稀絕緣、鋼絲鎧裝、聚氧乙稀護套電力電纜 (3+1芯)	103
XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	

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交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)	117
交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+2芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)	120
交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)	123
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交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套阻燃電纜(5-48芯) XLPE INSULATED, UN-ARMoured, LSZH SHEATHED FLAME RETARDANT CABLES (5-48 CORES)	161
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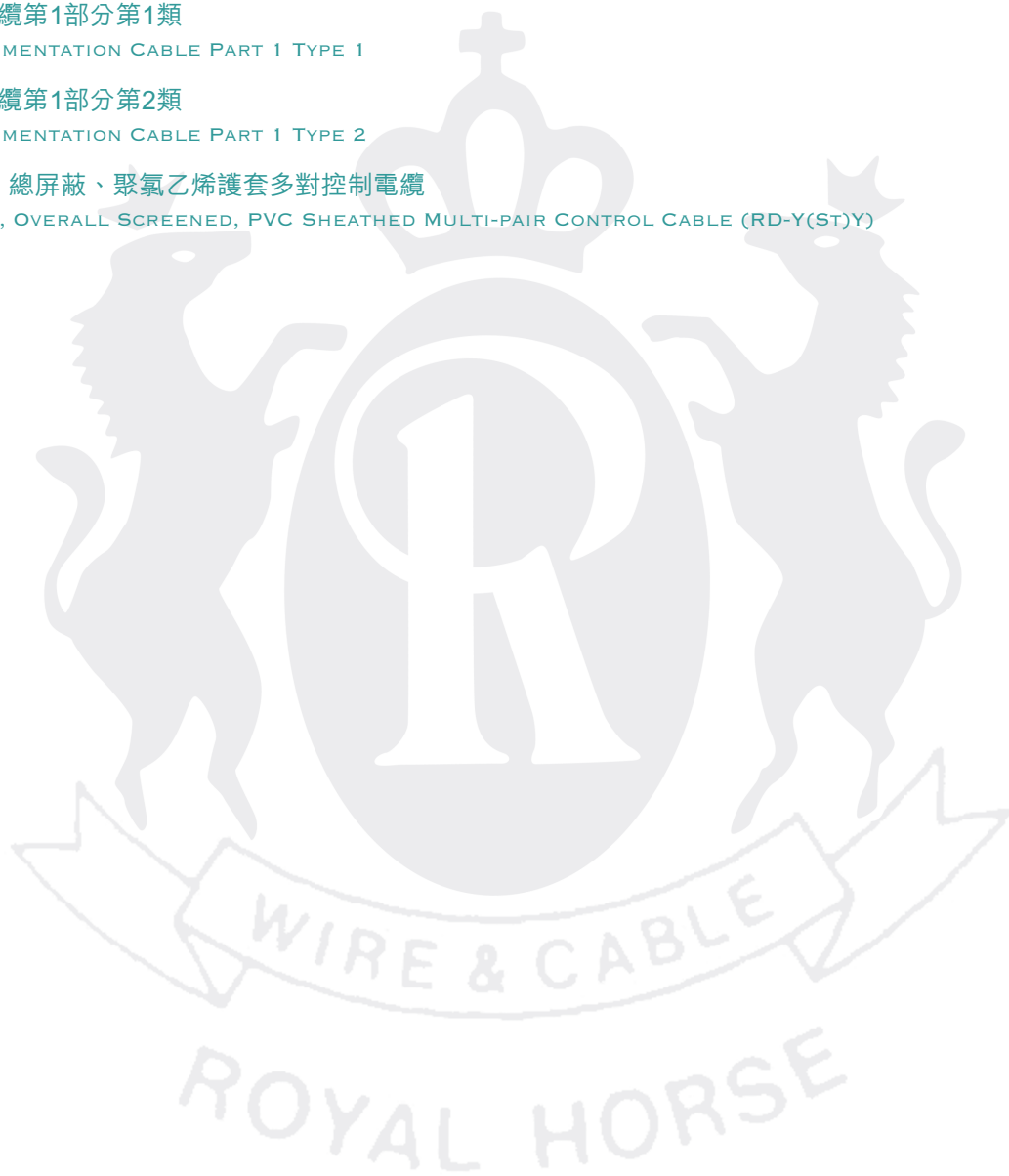
電信和網絡電纜 TELECOMMUNICATION AND NETWORK CABLE

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控制信號電纜 INSTRUMENT AND SIGNAL CABLE

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聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套多芯控制電纜 PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES	203

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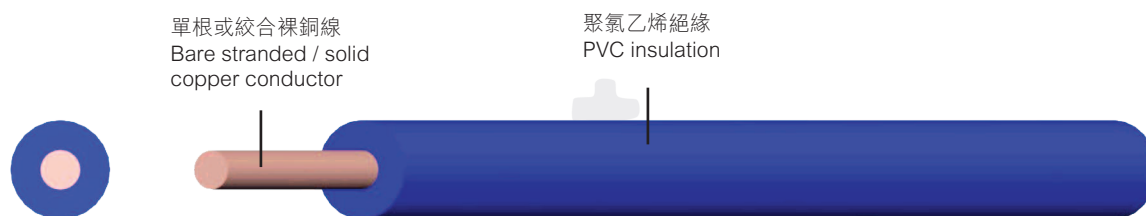
通用塑料絕緣電線

GENERAL USAGE PVC INSULATED WIRE



聚氯乙烯無護套電纜 (單枝單膠)

PVC INSULATED NON-SHEATHED CABLES (SINGLE-CORE)



單根或絞合裸銅線
Bare stranded / solid
copper conductor

聚氯乙烯絕緣
PVC insulation

ROYAL HORSE	60227IEC05	300/500V	N.Nmm ²	PVC CABLE	GB/T 5023	KEMA-KEUR	CCC A007306
				or			
ROYAL HORSE	60227IEC01	450/750V	N.Nmm ²	PVC CABLE	GB/T 5023	KEMA-KEUR	CCC A007306
				or			
	GB/T5023	60227 IEC05	N.Nmm ²	PVC CABLE	300/500V	R.H. (MODEL 9/9.9)	
				or			
	GB/T5023	60227 IEC01	N.Nmm ²	PVC CABLE	450/750V	R.H. (MODEL 9/9.9)	

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V、450/750V
- 標準: GB/T5023.1、IEC60227
- 型號: 227IEC01 & 05 (BV)
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙烯絕緣

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V, 450/750V
- Reference standard: GB/T5023.1, IEC60227
- Model: 227IEC01 & 05 (BV)
- Bare stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation

應用

- 固定布線
- 可用於室內明敷、穿管等場合

APPLICATION

- For fixed wiring
- Can be placed into trunk and conduit

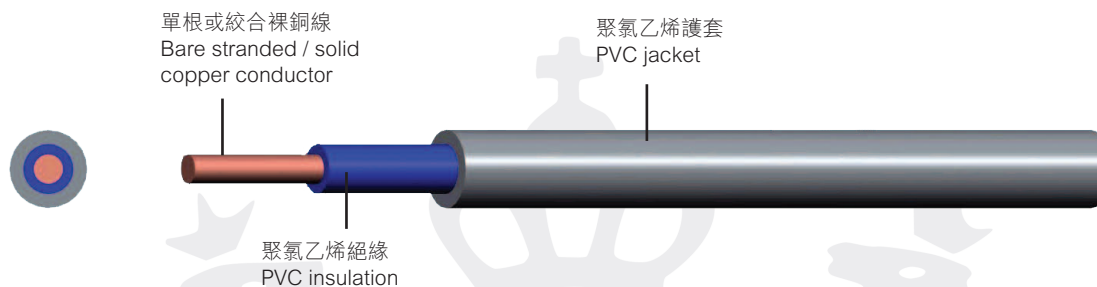
聚氯乙稀無護套電纜 (單枝單膠)

PVC INSULATED NON-SHEATHED CABLES (SINGLE-CORE)

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
60227IEC05 (BV) 300/500V				
0.5	1/0.8	2.1	9	0.015
0.75	1/0.98	2.5	13	0.012
1.0	1/1.13	2.6	16	0.011
60227IEC01 (BV) 450/750V				
1.5	1/1.38	2.9	21	0.011
1.5	7/0.52	3.1	23	0.010
2.5	1/1.78	3.5	33	0.010
2.5	7/0.67	3.7	35	0.009
4.0	1/2.25	4.0	49	0.0085
4.0	7/0.85	4.3	52	0.0077
6.0	1/2.76	4.6	69	0.0070
6.0	7/1.04	4.9	73	0.0065
10	7/1.35	6.2	120	0.0065
16	7/1.70	7.3	183	0.0050
25	7/2.14	9.0	284	0.0050
35	19/1.53	10.5	385	0.0040
50	19/1.78	12.0	514	0.0045
70	19/2.14	13.7	719	0.0035
95	19/2.52	16.0	993	0.0035
120	37/2.03	17.6	1233	0.0032
150	37/2.25	19.6	1519	0.0032
185	37/2.52	22.0	1906	0.0032
240	61/2.25	25.0	2483	0.0032
300	61/2.52	27.8	3107	0.0030
400	91/2.36	31.5	4045	0.0028

聚氯乙烯絕緣護套電纜 (單枝雙膠)

PVC INSULATED PVC SHEATHED CABLES (SINGLE-CORE)



ROYAL HORSE 300/500V N.Nmm² PVC/PVC CABLE JB/T8734 CCC A007306

or

ROYAL HORSE JB/T8734 N.Nmm² PVC/PVC CABLE 300/500V (MODEL 9/9.9)

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V
- 標準: JB/T8734.2
- 型號: BVV
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

應用

- 固定布線
- 要求機械防護較高、潮濕等場合
- 可明敷或暗敷

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V
- Reference standard: JB/T8734.2
- Model: BVV
- Bare stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

APPLICATION

- For fixed wiring
- Use in higher protection required or humid environment
- Can be placed into trunk and conduit

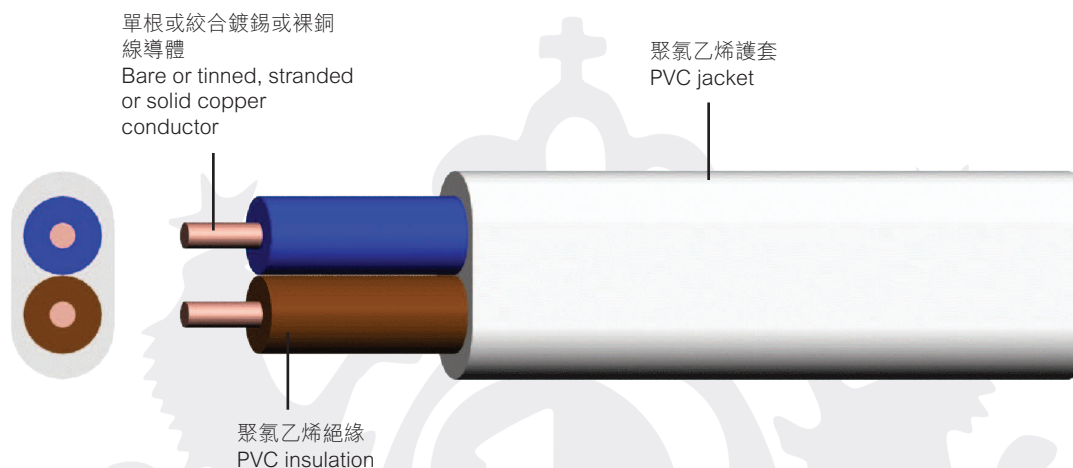
聚氯乙稀絕緣護套電纜 (單枝雙膠)

PVC INSULATED PVC SHEATHED CABLES (SINGLE-CORE)

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
0.75	1/0.98	3.8	23	0.012
1.0	1/1.13	3.9	25	0.011
1.5	1/1.38	4.4	33	0.011
1.5	7/0.52	4.6	36	0.010
2.5	1/1.78	5.0	47	0.010
2.5	7/0.67	5.2	51	0.009
4.0	1/2.25	5.7	68	0.0085
4.0	7/0.85	6.0	71	0.0077
6.0	1/2.76	6.2	88	0.0070
6.0	7/1.04	6.5	93	0.0065
10	7/1.35	7.9	147	0.0065
16	7/1.70	9.1	216	0.0050
25	7/2.14	10.8	324	0.0050
35	19/1.53	12.3	430	0.0040
50	19/1.78	13.9	570	0.0045
70	19/2.14	15.9	792	0.0035
95	19/2.52	18.6	1092	0.0035
120	37/2.03	20.6	1362	0.0032
150	37/2.25	23.0	1681	0.0032
185	37/2.52	25.2	2076	0.0032
240	61/2.24	28.7	2706	0.0032
300	61/2.52	31.5	3347	0.0030

聚氯乙烯絕緣護套扁型電纜 (雙枝雙膠)

PVC INSULATED AND PVC SHEATHED CABLES (FLAT TWIN)



TO BS6004 2 x N.NNmm² PVC/PVC FLAT CABLE 300/500V R.H.

說明

- 工作溫度: 70 °C
- 額定電壓: 300/500V
- 標準: JB/T8734.2、BS6004
- 型號: BVVB
- 導體使用單根或絞合鍍錫或裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

應用

- 固定布線
- 要求機械防護較高、潮濕等場合
- 可明敷或暗敷

DESCRIPTION

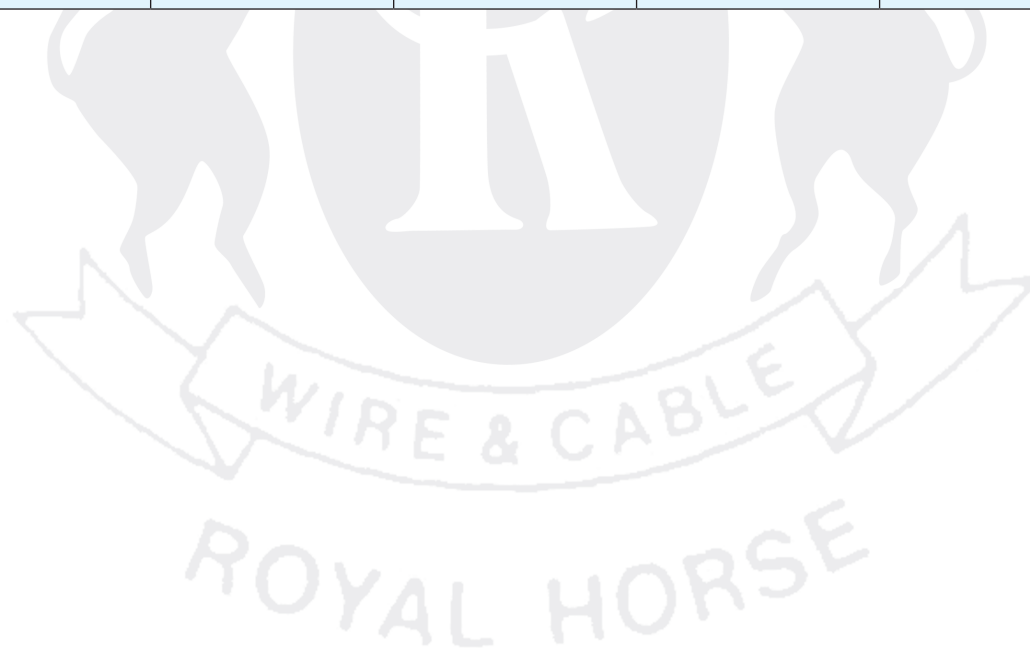
- Rated temperature: 70°C
- Rated voltage: 300/500V
- Reference standard: JB/T8734.2, BS6004
- Model: BVVB
- Bare or tinned, stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

APPLICATION

- For fixed wiring
- Use in higher protection required or humid environment
- Can be placed into trunk and conduit

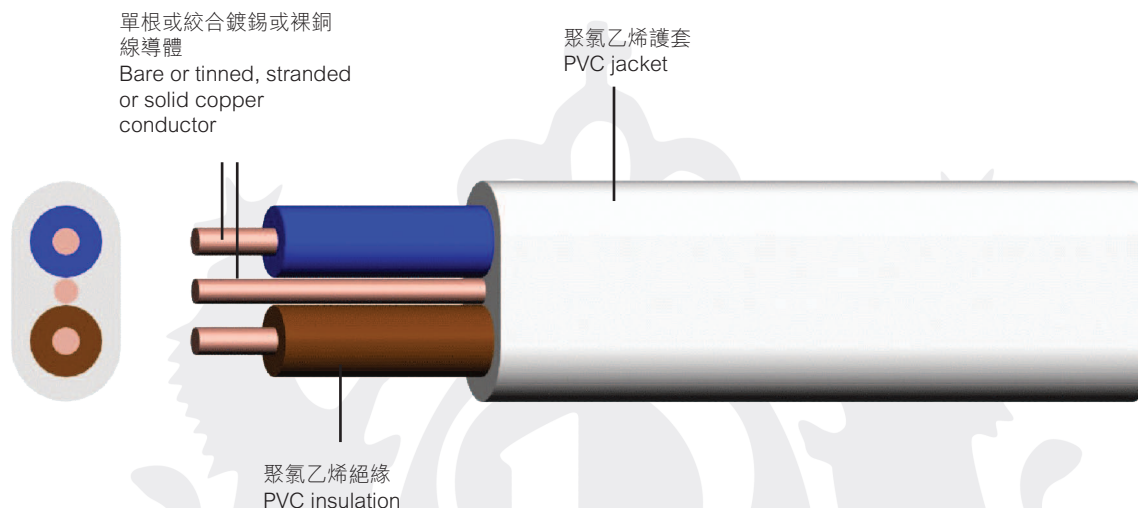
聚氯乙稀絕緣護套扁型電纜 (雙枝雙膠)**PVC INSULATED AND PVC SHEATHED CABLES****(FLAT TWIN)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
2 x 0.75	1/0.98	3.8 x 6.2	42	0.012
2 x 1.0	1/1.13	4.1 x 6.6	50	0.011
2 x 1.5	1/1.38	4.4 x 7.2	63	0.011
2 x 2.5	1/1.78	5.2 x 8.6	93	0.010
2 x 4.0	7/0.85	6.0 x 10.4	141	0.0080
2 x 6.0	7/1.04	7.0 x 12.4	202	0.0065
2 x 10	7/1.35	8.6 x 14.8	315	0.0065
2 x 16	7/1.70	9.9 x 17.1	457	0.0052



聚氯乙烯絕緣護套扁型電纜 (雙枝雙膠+水)

PVC INSULATED PVC SHEATHED CABLES WITH CIRCUIT PROTECTIVE CONDUCTOR (FLAT TWIN + EARTH)



TO BS6004 2 X N.Nmm²+ ECC PVC/PVC CABLE 300/500V R.H.

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V
- 標準: BS6004
- 導體使用單根或絞合裸銅線
- 地線平放兩芯中間
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V
- Reference standard: BS6004
- Bare stranded or solid copper conductor
- Circuit protective conductor is centrally placed between cores in same plane
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

應用

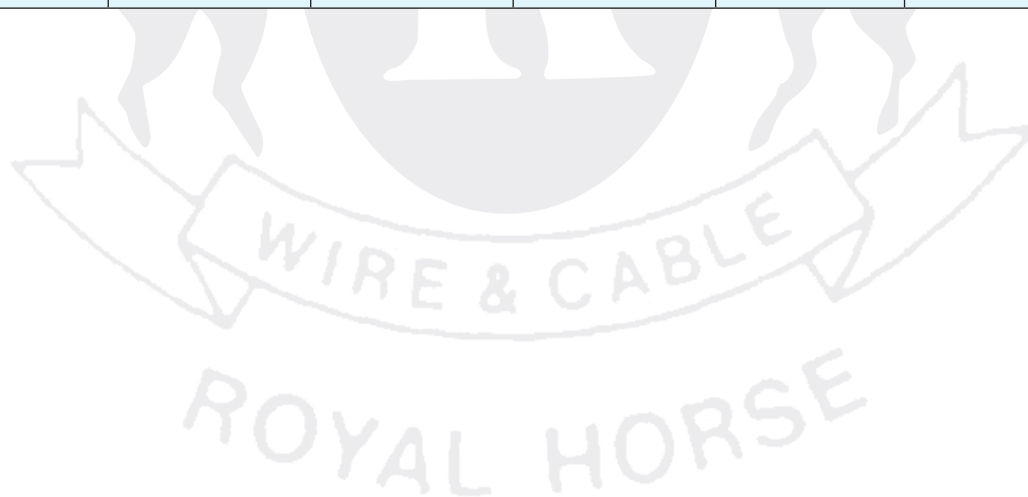
- 固定布線
- 要求機械防護較高、潮濕等場合
- 可明敷或暗敷

APPLICATION

- For fixed wiring
- Use in higher protection required or humid environment
- Can be placed into trunk and conduit

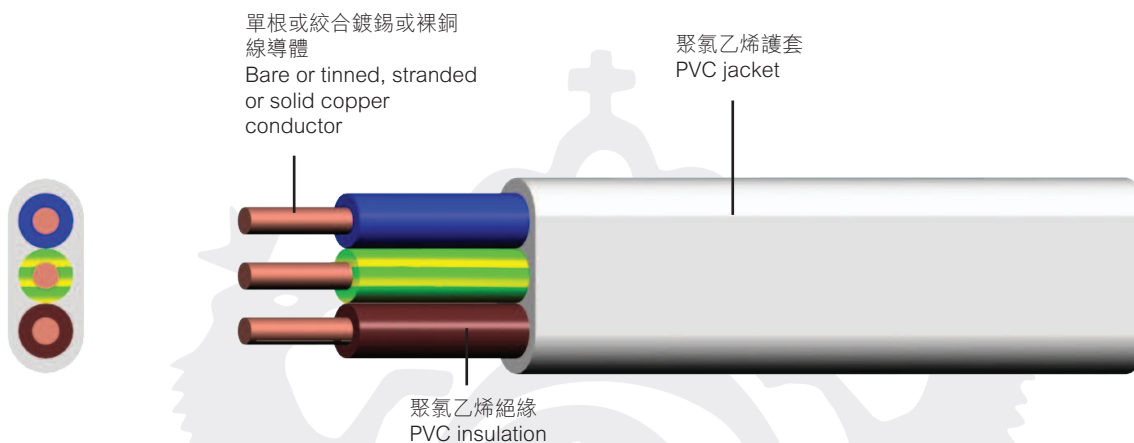
聚氯乙稀絕緣護套扁型電纜 (雙枝雙膠+水)**PVC INSULATED PVC SHEATHED CABLES WITH CIRCUIT PROTECTIVE CONDUCTOR (FLAT TWIN + EARTH)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	地線截面 Circuit protective conductor, minimum nominal cross- sectional area (mm ²)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
2 x 0.75	1/0.98	1.0	3.8 x 7.2	54	0.012
2 x 1.0	1/1.13	1.0	4.1 x 7.8	65	0.011
2 x 1.5	1/1.38	1.0	4.4 x 8.3	77	0.011
2 x 2.5	1/1.78	1.0	5.2 x 9.8	109	0.010
2 x 4.0	7/0.85	1.5	6.0 x 11.7	164	0.0077
2 x 6.0	7/1.04	2.5	7.3 x 14.1	243	0.0065
2 x 10	7/1.35	4.0	8.6 x 17.3	376	0.0065
2 x 16	7/1.7	6.0	10.0 x 20.2	551	0.0052



聚氯乙烯絕緣護套扁型電纜(三平線)

PVC INSULATED AND PVC SHEATHED CABLES (THREE CORES)



TO BS6004 N X N.Nmm² PVC/PVC FLAT CABLE 300/500V R.H.

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V
- 標準: JB/T8734.2、BS6004
- 型號: BVVB
- 導體使用單根或絞合鍍錫或裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

應用

- 固定布線
- 要求機械防護較高、潮濕等場合
- 可明敷或暗敷

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V
- Reference standard: JB/T8734.2, BS6004
- Model: BVVB
- Bare or tinned, stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

APPLICATION

- For fixed wiring
- Use in higher protection required or humid environment
- Can be placed into trunk and conduit

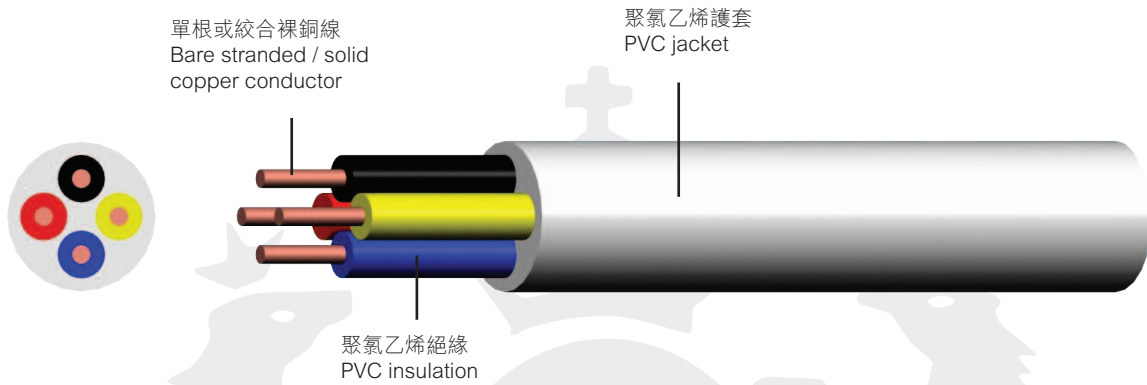
聚氯乙稀絕緣護套扁型電纜(三平線)**PVC INSULATED AND PVC SHEATHED CABLES
(THREE CORES)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
3 x 0.75	1/0.98	4.0 x 8.4	61	0.012
3 x 1.0	1/1.13	4.1 x 8.7	73	0.011
3 x 1.5	1/1.38	4.6 x 10.2	93	0.011
3 x 1.5	7/0.52	4.8 x 10.8	102	0.010
3 x 2.5	1/1.78	5.4 x 12.2	137	0.010
3 x 2.5	7/0.67	5.6 x 12.8	150	0.009
3 x 4.0	1/2.25	5.9 x 13.7	197	0.0085
3 x 4.0	7/0.85	6.2 x 14.6	209	0.0077
3 x 6.0	7/1.04	6.9 x 16.3	283	0.0070
3 x 10	7/1.35	8.5 x 20.7	456	0.0065
3 x 16	7/1.70	9.7 x 23.9	666	0.0050



聚氯乙烯絕緣護套電纜 (公制多心硬線)

PVC INSULATED PVC SHEATHED CABLES



ROYAL HORSE 60227IEC10 N x N.Nmm² PVC/PVC CABLE 300/500V

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V
- 標準: GB/T5023、IEC60227
- 型號: 227IEC10 (BVV)
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

應用

- 固定布線
- 要求機械防護較高、潮濕等場合
- 可明敷或暗敷

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V
- Reference standard: GB/T5023, IEC60227
- Model: 227IEC10 (BVV)
- Bare stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

APPLICATION

- For fixed wiring
- Use in higher protection required or humid environment
- Can be placed into trunk and conduit

聚氯乙烯絕緣護套電纜 (公制多心硬線)

PVC INSULATED PVC SHEATHED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
2 x 1.5	1/1.38	9.8	136	0.011
2 x 1.5	7/0.52	10.4	149	0.010
2 x 2.5	1/1.78	11.4	189	0.010
2 x 2.5	7/0.67	11.8	202	0.009
2 x 4.0	1/2.25	12.3	238	0.0085
2 x 4.0	7/0.85	12.8	253	0.0077
2 x 6.0	1/2.76	13.3	298	0.0070
2 x 6.0	7/1.04	13.8	314	0.0065
2 x 10	7/1.35	17.3	502	0.0056
2 x 16	7/1.70	19.8	699	0.0052
2 x 25	7/2.14	23.8	1043	0.0050
2 x 35	19/1.53	27.2	1385	0.0044
3 x 1.5	1/1.38	10.4	160	0.011
3 x 1.5	7/0.52	10.9	173	0.010
3 x 2.5	1/1.78	11.8	220	0.010
3 x 2.5	7/0.67	12.3	231	0.009
3 x 4.0	1/2.25	12.8	283	0.0085
3 x 4.0	7/0.85	13.3	299	0.0077
3 x 6.0	1/2.76	14.3	375	0.0070
3 x 6.0	7/1.04	15.3	412	0.0065
3 x 10	7/1.35	18.8	642	0.0056
3 x 16	7/1.70	21.3	892	0.0052
3 x 25	7/2.14	25.7	1349	0.0050
3 x 35	19/1.53	28.7	1721	0.0044

聚氯乙稀絕緣護套電纜 (公制多心硬線)

PVC INSULATED PVC SHEATHED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑上限 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
4 x 1.5	1/1.38	11.3	194	0.011
4 x 1.5	7/0.52	11.8	207	0.01
4 x 2.5	1/1.78	12.8	266	0.01
4 x 2.5	7/0.67	13.3	280	0.009
4 x 4.0	1/2.25	14.3	357	0.0085
4 x 4.0	7/0.85	14.8	374	0.0077
4 x 6.0	1/2.76	15.8	467	0.0070
4 x 6.0	7/1.04	16.8	504	0.0065
4 x 10	7/1.35	20.3	784	0.0065
4 x 16	7/1.70	23.3	1116	0.0052
4 x 25	7/2.14	28.3	1701	0.0050
4 x 35	19/1.53	31.6	2207	0.0044
5 x 1.5	1/1.38	11.8	218	0.011
5 x 1.5	7/0.52	12.3	233	0.01
5 x 2.5	1/1.78	13.8	314	0.01
5 x 2.5	7/0.67	14.3	330	0.009
5 x 4.0	1/2.25	15.8	440	0.0085
5 x 4.0	7/0.85	16.8	476	0.0077
5 x 6.0	1/2.76	17.3	569	0.0070
5 x 6.0	7/1.04	18.3	610	0.0065
5 x 10	7/1.35	21.8	917	0.0065
5 x 16	7/1.70	25.7	1361	0.0052
5 x 25	7/2.14	31.2	2069	0.0050
5 x 35	19/1.53	34.6	2661	0.0044

通用塑料絕緣軟線

GENERAL USAGE PVC INSULATED FLEXIBLE WIRE



聚氯乙烯絕緣單芯軟電纜 (控制引線)

PVC INSULATED NON-SHEATHED CABLES

(CONTROL CABLE)



ROYAL HORSE 60227IEC06 (RV) 300/500V N.NNmm² PVC CABLE GB/T5023 KEMA-KEUR CCC A007306
or
ROYAL HORSE 60227IEC02 (RV) 450/750V N.NNmm² PVC CABLE GB/T5023 KEMA-KEUR CCC A007306

說明

- 工作溫度: 70 °C
- 額定電壓: 300/500V、450/750V
- 標準: GB/T5023、IEC60227
- 型號: 227IEC06 & 02 (RV)
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/500V, 450/750V
- Reference standard: GB/T5023, IEC60227
- Model: 227IEC06 & 02 (RV)
- Stranded copper conductor
- Flame retardant colour-coded PVC insulation

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟的場合

APPLICATION

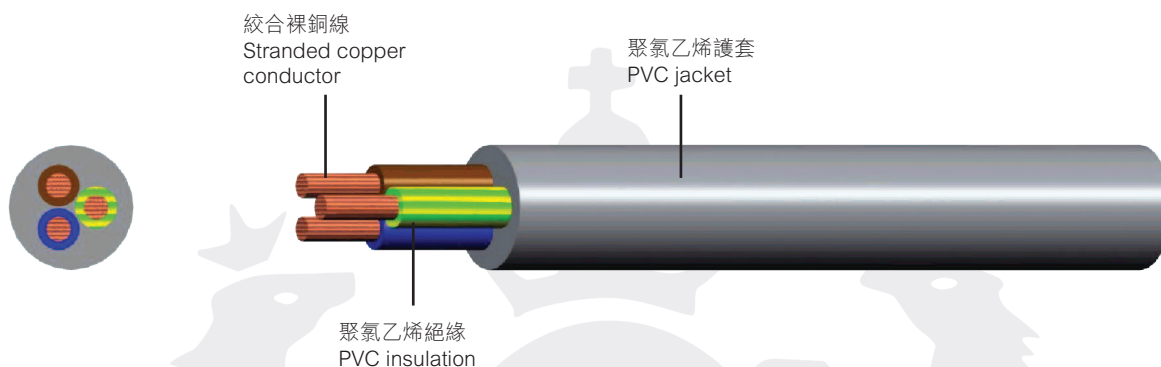
- For light or medium size home appliances, instrument & meters, and power-driven lighting

聚氯乙稀絕緣單芯軟電纜 (控制引線)

PVC INSULATED NON-SHEATHED CABLES (CONTROL CABLE)

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
60227IEC06 (RV) 300/500V				
0.5	17/0.19	2.24	9.8	0.013
0.75	26/0.19	2.45	12.8	0.011
1.0	35/0.19	2.65	15.8	0.010
60227IEC02 (RV) 450/750V				
1.5	30/0.25	3.32	25.1	0.010
2.5	50/0.25	3.80	35.2	0.009
4	56/0.3	4.40	52.0	0.007
6	84/0.3	5.30	76.6	0.006
10	80/0.4	6.50	123.2	0.0056
16	126/0.4	8.70	197.3	0.0046
25	196/0.4	10.40	296.7	0.0044
35	273/0.4	12.00	401.3	0.0038
50	392/0.4	14.00	560	0.0037
70	555/0.4	16.20	767	0.0032
95	755/0.4	18.10	1021	0.0032
120	953/0.4	19.80	1265	0.0029
150	1192/0.4	22.00	1584	0.0029
185	1470/0.4	24.70	1942	0.0029
240	1908/0.4	27.40	2494	0.0028

特軟型聚氯乙烯絕緣護套軟電線 (充實型 / 棉紗型) PVC INSULATED PVC SHEATHED FLEXIBLE CABLES (FILLED)



ROYAL HORSE	60227IEC52	ROUND	(H03VV-H)	N x N.Nmm ²	300/300V	PVC CABLE
			or			
ROYAL HORSE	60227IEC53	ROUND	(H05VV-F)	N x N.Nmm ²	300/500V	PVC CABLE
			or			
ROYAL HORSE	60227IEC52	FILLED WITH COTTON	THREAD (H03VV-H)	N x N.Nmm ²	300/300V	P.V.C. CABLE
			or			
ROYAL HORSE	60227IEC53	FILLED WITH COTTON	THREAD (H05VV-F)	N x N.Nmm ²	300/500V	P.V.C. CABLE

說明

- 工作溫度: 70 °C
- 額定電壓: 300/300V 、 300/500V
- 標準: GB/T5023 、 IEC60227
- 型號: 227IEC52 & 53 (RVV), H03VV-H/ H05VV-F
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 聚氯乙烯、阻燃聚氯乙烯或棉紗填充
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟の場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V, 300/500V
- Reference standard: GB/T5023, IEC60227
- Model: 227IEC52 & 53 (RVV), H03VV-H/ H05VV-F
- Stranded copper conductor
- PVC or flame retardant colour-coded PVC insulation
- PVC, flame retardant PVC or cotton thread filler
- PVC or flame retardant PVC jacket

APPLICATION

- For light or medium size home appliances, instrument & meters, and power-driven lighting

特軟型聚氯乙烯絕緣護套軟電線 (充實型 / 棉紗型)

PVC INSULATED PVC SHEATHED FLEXIBLE CABLES

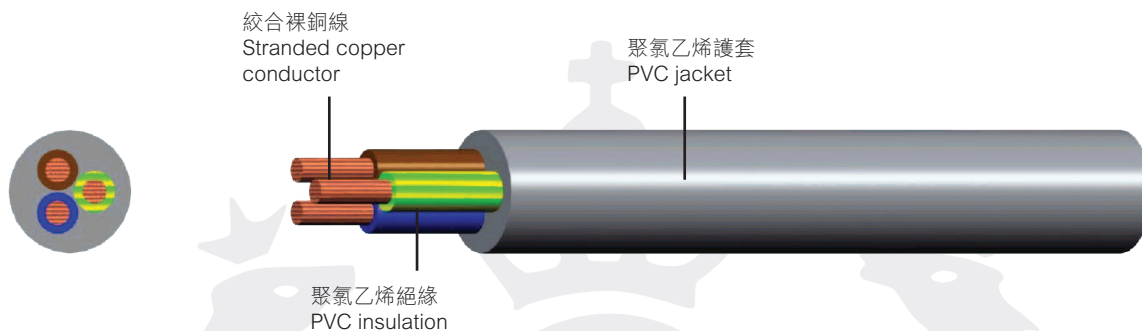
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截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑上限 Average overall diameter (mm)		參考重量 Reference weight (kg/km)		最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
		充實型 PVC	棉紗型 Cotton Thread	充實型 PVC	棉紗型 Cotton Thread	
60227IEC52 (RVV)						
2 x 0.5	44/0.12	5.9	5.9	59	50	0.012
2 x 0.75	70/0.12	6.3	6.3	73	61	0.010
3 x 0.5	44/0.12	6.3	6.3	74	72	0.012
3 x 0.75	70/0.12	6.7	6.7	96	85	0.010
60227IEC53 (RVV)						
2 x 0.75	70/0.12	7.2	7.2	81	68	0.011
2 x 1.0	100/0.12	7.5	7.5	109	89	0.010
2 x 1.5	162/0.12	8.6	8.6	141	110	0.010
3 x 0.75	70/0.12	7.6	7.6	106	94	0.011
3 x 1.0	100/0.12	8.0	8.0	128	117	0.010
3 x 1.5	162/0.12	9.4	9.4	170	148	0.010
4 x 0.75	70/0.12	8.3	8.3	125	117	0.011
4 x 1.0	100/0.12	9.0	9.0	154	143	0.010
4 x 1.5	162/0.12	10.5	10.5	228	189	0.010

ROYAL HORSE

輕型或普通型聚氯乙烯絕緣護套軟電線

LIGHT OR ORDINARY DUTY PVC INSULATED PVC SHEATHED FLEXIBLE CABLES



ROYAL HORSE 60227IEC52 ROUND (H03VV-F) N x N.Nmm² 300/300V PVC CABLE
 or
 ROYAL HORSE 60227IEC53 ROUND (H05VV-F) N x N.Nmm² 300/500V PVC CABLE

說明

- 工作溫度: 70 °C
- 額定電壓: 300/300V、300/500V
- 標準: GB/T5023、IEC60227
- 型號: 227IEC52 & 53 (RVV), H03VV-F/ H05VV-F
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟的場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V, 300/500V
- Reference standard: GB/T5023, IEC60227
- Model: 227IEC52 & 53 (RVV), H03VV-F/ H05VV-F
- Stranded copper conductor
- PVC or flame retardant colour-coded PVC insulation
- PVC or flame retardant PVC jacket

APPLICATION

- For light or medium size home appliances, instrument & meters, and power-driven lighting

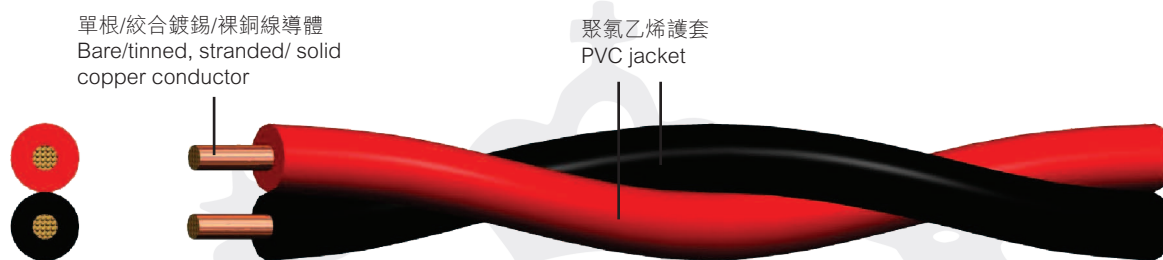
輕型或普通型聚氯乙烯絕緣護套軟電線

LIGHT OR ORDINARY DUTY PVC INSULATED PVC SHEATHED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
60227IEC52 (RVV)				
2 x 0.5	17/0.19	5.7	46	0.012
2 x 0.75	26/0.19	6.10	55	0.010
3 x 0.5	17/0.19	6.20	57	0.012
3 x 0.75	26/0.19	6.65	66	0.010
60227IEC53 (RVV)				
2 x 0.75	26/0.19	6.7	59	0.011
2 x 1.0	35/0.19	7.1	68	0.010
2 x 1.5	30/0.25	8.1	92	0.010
2 x 2.5	50/0.25	10.0	134	0.009
2 x 4.0	80/0.25	10.8	191	0.007
3 x 0.75	26/0.19	7.1	70	0.011
3 x 1.0	35/0.19	7.6	82	0.010
3 x 1.5	30/0.25	8.9	110	0.010
3 x 2.5	50/0.25	10.6	168	0.009
3 x 4.0	80/0.25	11.7	240	0.007
4 x 0.75	26/0.19	8.0	84	0.011
4 x 1.0	35/0.19	8.5	99	0.010
4 x 1.5	30/0.25	9.9	139	0.010
4 x 2.5	50/0.25	11.8	209	0.009
4 x 4.0	80/0.25	12.8	299	0.007
5 x 0.75	26/0.19	8.8	98	0.011
5 x 1.0	35/0.19	9.6	130	0.010
5 x 1.5	30/0.25	11.0	175	0.010
5 x 2.5	50/0.25	13.1	259	0.009
5 x 4.0	80/0.25	14.1	369	0.007

聚氯乙烯絕緣絞型連接軟電線 (紅黑對絞線)

PVC INSULATED FLEXIBLE WIRE (RED/BLACK TWISTED WIRE)



說明

- 工作溫度: 70°C
- 額定電壓: 300/300V
- 標準: JB/T8734.3
- 型號: RVS
- 導體使用單根或絞合鍍錫或裸銅線
- 紅/黑聚氯乙烯或阻燃聚氯乙烯絕緣

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V
- Reference standard: JB/T8734.3
- Model: RVS
- Bare or tinned, stranded or solid copper conductor
- PVC or colour-coded flame retardant PVC insulation

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟的場合

APPLICATION

- For light or medium size home appliances, instrument & meters, and power-driven lighting

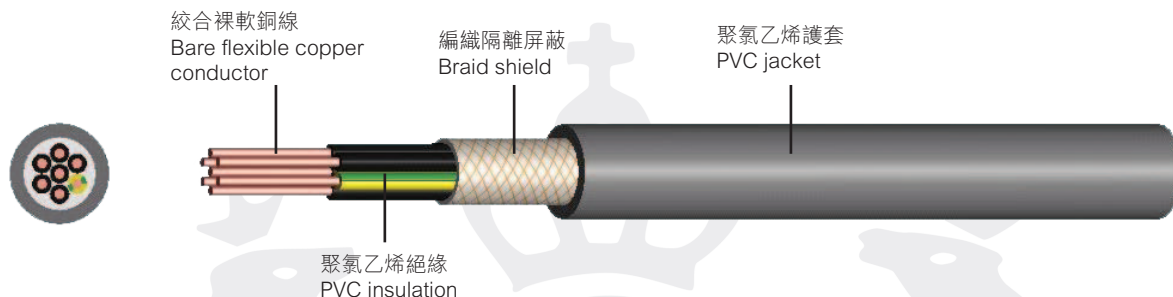
聚氯乙稀絕緣絞型連接軟電線 (紅黑對絞線)**PVC INSULATED FLEXIBLE WIRE****(RED/BLACK TWISTED WIRE)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
2 X 0.5	44/0.12	6.0	24	39	40.1
2 X 0.75	66/0.12	6.2	31	26	26.7



聚氯乙烯絕緣護套屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED SHIELDED FLEXIBLE CABLES



ROYAL HORSE JB/T8734 RVVP NxN.Nmm² PVC/PVC CABLE 300/300V

說明

- 工作溫度：70°C
- 額定電壓：300/300V
- 標準：JB/T8734
- 型號：RVVP
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 鍍錫或裸銅線編織屏蔽
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 控制、監控回路及保護線路等場合使用
- 敷設在室內、移動要求柔軟、防干擾等場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V
- Reference standard: JB/T8734
- Model: RVVP
- Bare flexible copper conductor
- PVC or flame retardant PVC insulation
- Tinned or bare copper wire braid shield available
- PVC or flame retardant PVC jacket

APPLICATION

- For control system, protective circuit and etc.
- Can be placed indoor, flexible moving, anti-interference and other occasions

聚氯乙稀絕緣護套屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)
2 x 0.08	7/0.12	4.2	25
2 x 0.12	10/0.12	4.7	30
2 x 0.20	17/0.12	4.9	33
2 x 0.30	26/0.12	5.3	37
2 x 0.40	35/0.12	5.5	40
2 x 0.50	17/0.19	6.2	49
2 x 0.75	26/0.19	6.6	57
2 x 1.0	35/0.19	7.2	69
2 x 1.5	30/0.25	8.1	89
3 x 0.12	10/0.12	5.1	35
3 x 0.20	17/0.12	5.3	39
3 x 0.30	26/0.12	5.6	45
3 x 0.40	35/0.12	5.8	50
3 x 0.50	17/0.19	6.5	60
3 x 0.75	26/0.19	6.9	72
3 x 1.0	35/0.19	7.5	86
3 x 1.5	30/0.25	8.5	114
4 x 0.12	10/0.12	5.1	40
4 x 0.20	17/0.12	5.7	47
4 x 0.30	26/0.12	6.0	54
4 x 0.40	35/0.12	6.3	60
5 x 0.12	10/0.12	5.9	48
5 x 0.20	17/0.12	6.2	54
5 x 0.30	26/0.12	6.5	63
5 x 0.40	35/0.12	6.8	69

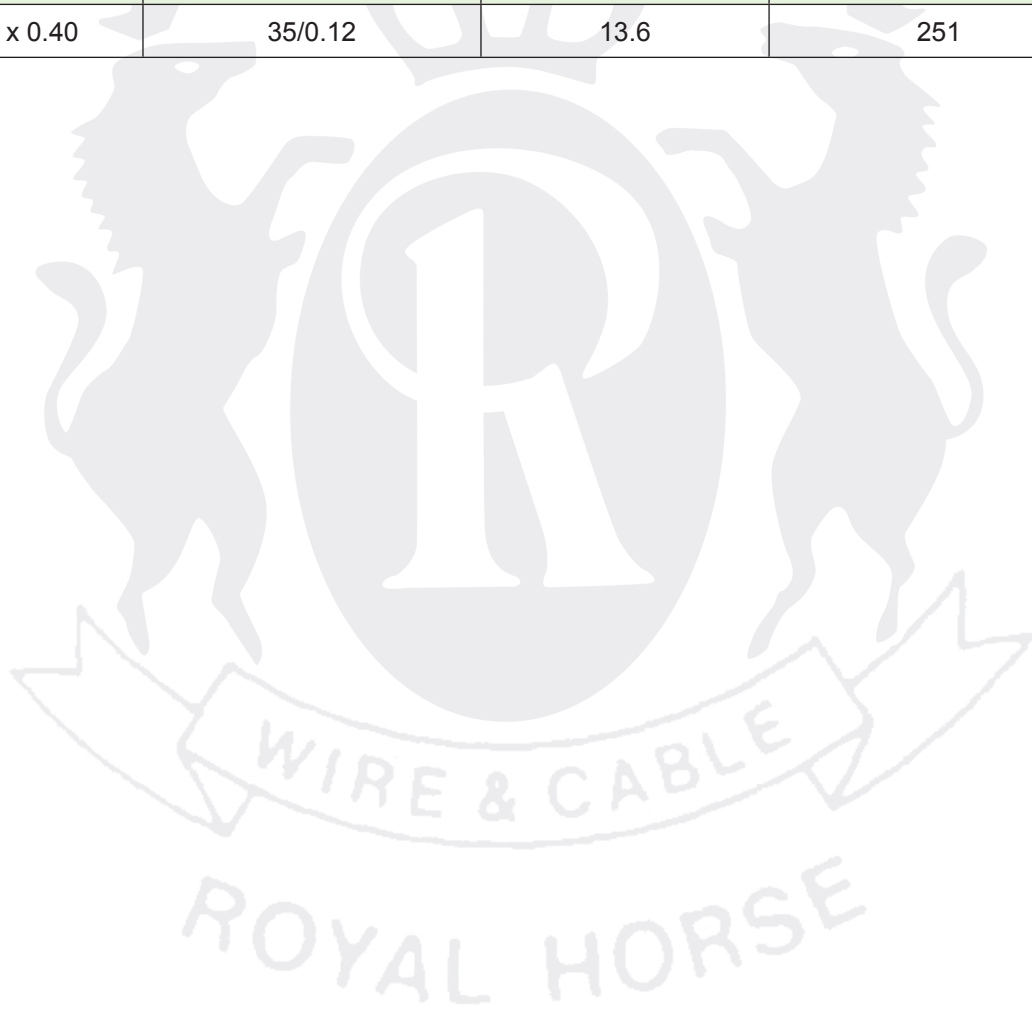
聚氯乙烯絕緣護套屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED SHIELDED FLEXIBLE CABLES

6 x 0.12	10/0.12	6.4	52
6 x 0.20	17/0.12	6.7	59
6 x 0.30	26/0.12	7.1	69
6 x 0.40	35/0.12	7.8	84
7 x 0.12	10/0.12	6.4	54
7 x 0.20	17/0.12	6.7	62
7 x 0.30	26/0.12	7.1	73
7 x 0.40	35/0.12	7.8	89
8 x 0.12	10/0.12	6.8	59
8 x 0.20	17/0.12	7.6	76
8 x 0.30	26/0.12	8.0	88
8 x 0.40	35/0.12	8.3	98
10 x 0.12	10/0.12	8.2	78
10 x 0.20	17/0.12	8.7	91
10 x 0.30	26/0.12	9.2	107
10 x 0.40	35/0.12	9.3	121
12 x 0.12	10/0.12	8.0	79
12 x 0.20	17/0.12	8.9	102
12 x 0.30	26/0.12	9.4	119
12 x 0.40	35/0.12	9.8	137
14 x 0.12	10/0.12	8.8	97
14 x 0.20	17/0.12	9.3	114
14 x 0.30	26/0.12	9.8	135
14 x 0.40	35/0.12	10.3	155
16 x 0.12	10/0.12	9.2	107
16 x 0.20	17/0.12	9.8	127
16 x 0.30	26/0.12	10.3	150
16 x 0.40	35/0.12	10.8	165
19 x 0.12	10/0.12	9.7	118
19 x 0.20	17/0.12	10.3	141

聚氯乙稀絕緣護套屏蔽軟電纜**PVC INSULATED AND PVC SHEATHED SHIELDED FLEXIBLE CABLES**

19 x 0.30	26/0.12	10.8	167
19 x 0.40	35/0.12	11.8	203
24 x 0.12	10/0.12	11.2	145
24 x 0.20	17/0.12	11.9	173
24 x 0.30	26/0.12	12.9	219
24 x 0.40	35/0.12	13.6	251



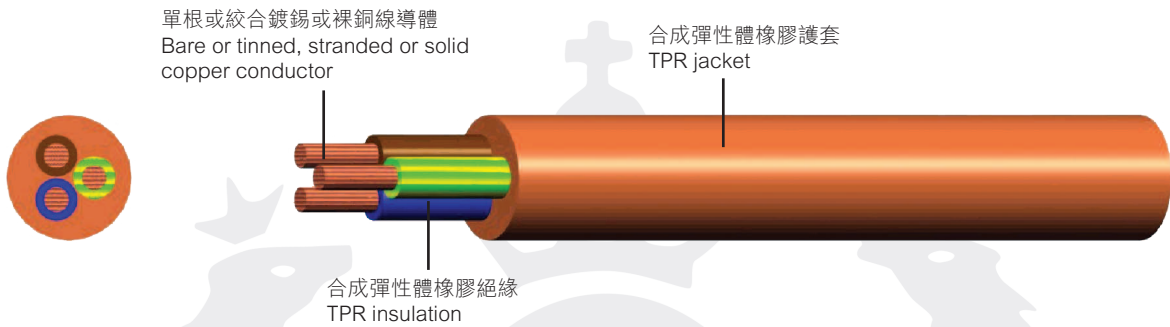
橡套軟電纜

RUBBER INSULATED FLEXIBLE CABLE



中型通用橡套軟電纜 (橡套線)

ORDINARY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS



ROYAL HORSE GB/T5013 YZ N x N.Nmm² RUBBER CABLE 300/500V
 or
 ROYAL HORSE JB/T8735 YZ N x N.Nmm² RUBBER CABLE 300/500V

說明

- 工作溫度: 65 °C
- 額定電壓: 300/500V
- 標準: GB/T5013、JB/T8735、IEC60245
- 型號: 245IEC53 (YZ)
- 導體使用單根或絞合鍍錫或裸銅線
- 合成彈性體橡膠絕緣
- 合成彈性體橡膠護套

DESCRIPTION

- Rated temperature: 65°C
- Rated voltage: 300/500V
- Reference standard: GB/T5013, JB/T8735, IEC60245
- Model: 245IEC53 (YZ)
- Bare or tinned, stranded copper conductor
- Colour-coded TPR insulation
- TPR jacket

應用

- 工業、農業電氣化中，要求柔軟、彎曲性能好
- 具有耐氣候性和一定的耐油性

APPLICATION

- For industrial and agriculture electrical equipment and instrument
- For weather and oil resistance purpose

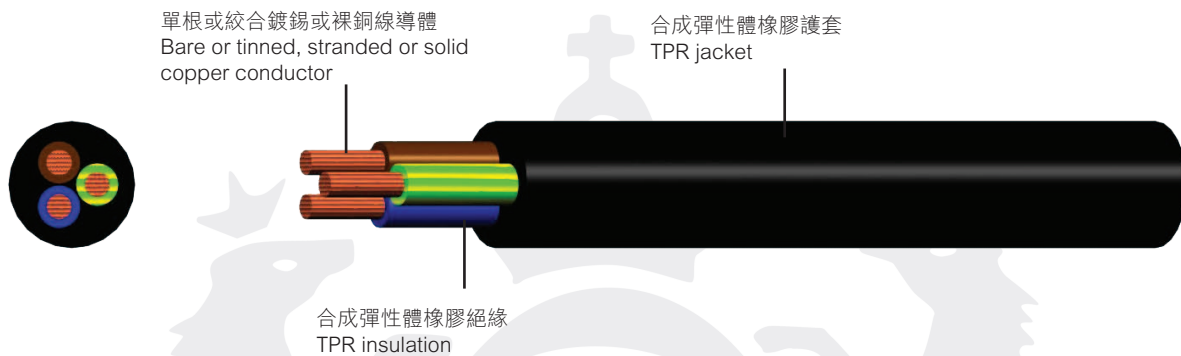
中型通用橡套軟電纜 (橡套線)

ORDINARY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
2 x 0.75	26/0.19	6.2	53	26.0	26.7
2 x 1.0	35/0.19	6.8	65	19.5	20.0
2 x 1.5	30/0.25	8.4	97	13.3	13.7
2 x 2.5	50/0.25	9.8	140	7.98	8.21
2 x 4.0	80/0.25	11.6	201	4.95	5.09
3 x 0.75	26/0.19	6.8	66	26.0	26.7
3 x 1.0	35/0.19	7.2	78	19.5	20.0
3 x 1.5	30/0.25	8.9	117	13.3	13.7
3 x 2.5	50/0.25	10.4	170	7.98	8.21
3 x 4.0	80/0.25	12.3	247	4.95	5.09
3 x 6.0	118/0.25	13.6	325	3.30	3.39
4 x 0.75	26/0.19	7.4	81	26.0	26.7
4 x 1.0	35/0.19	7.8	96	19.5	20.0
4 x 1.5	30/0.25	9.9	149	13.3	13.7
4 x 2.5	50/0.25	11.6	217	7.98	8.21
4 x 4.0	80/0.25	13.7	315	4.95	5.09
4 x 6.0	119/0.25	15.1	415	3.30	3.39
5 x 0.75	26/0.19	8.2	100	26.0	26.7
5 x 1.0	35/0.19	8.8	119	19.5	20.0
5 x 1.5	30/0.25	10.8	179	13.3	13.7
5 x 2.5	50/0.25	12.9	268	7.98	8.21
5 x 4.0	80/0.25	15.2	390	4.95	5.09
5 x 6.0	119/0.25	17.0	522	3.30	3.39

重型通用橡套軟電纜 (橡套線)

HEAVY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS



ROYAL HORSE JB/T8735 YC N x N.Nmm² RUBBER CABLE 450/750V

說明

- 工作溫度: 65 °C
- 額定電壓: 450/750V
- 標準: JB/T8735
- 型號: YC
- 導體使用單根或絞合鍍錫或裸銅線
- 合成彈性體橡膠絕緣
- 合成彈性體橡膠護套

應用

- 港口機械、探照燈、農業大型水力排灌站等場合
- 具有耐氣候性和一定的耐油性
- 能承受較大的機械外力作用，如港口機械等

DESCRIPTION

- Rated temperature: 65°C
- Rated voltage: 450/750V
- Reference standard: JB/T8735
- Model: YC
- Bare or tinned, stranded copper conductor
- Colour-coded TPR insulation
- TPR jacket

APPLICATION

- Harbor equipment, searchlights, large scale agriculture irrigation system
- For weather and oil resistance purpose
- For external heavy duty usage such as harbor equipment

重型通用橡套軟電纜 (橡套線)

HEAVY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
2 x 1.5	30/0.25	9.4	116	13.3	13.7
2 x 2.5	50/0.25	11.0	166	7.98	8.21
2 x 4.0	80/0.25	12.8	232	4.95	5.09
2 x 6.0	119/0.25	14.2	291	3.3	3.39
2 x 10	200/0.25	19.0	534	1.91	1.95
2 x 16	315/0.25	21.6	740	1.21	1.24
2 x 25	350/0.3	25.7	1057	0.78	0.795
2 x 35	494/0.3	28.6	1368	0.554	0.565
2 x 50	684/0.3	33.2	1881	0.386	0.393
2 x 70	969/0.3	37.1	2457	0.272	0.277
2 x 95	1330/0.3	42.3	3270	0.206	0.21
3 x 1.5	30/0.25	10.1	141	13.3	13.7
3 x 2.5	50/0.25	11.8	203	7.98	8.21
3 x 4.0	80/0.25	13.7	286	4.95	5.09
3 x 6.0	119/0.25	15.2	374	3.3	3.39
3 x 10	200/0.25	20.4	665	1.91	1.95
3 x 16	315/0.25	23.2	905	1.21	1.24
3 x 25	350/0.3	27.5	1334	0.78	0.795
3 x 35	494/0.3	30.7	1740	0.554	0.565
3 x 50	684/0.3	35.5	2397	0.386	0.393
3 x 70	969/0.3	39.7	3155	0.272	0.277
3 x 95	1330/0.3	45.5	4230	0.206	0.21
3 x 120	1691/0.3	49.3	5120	0.161	0.164

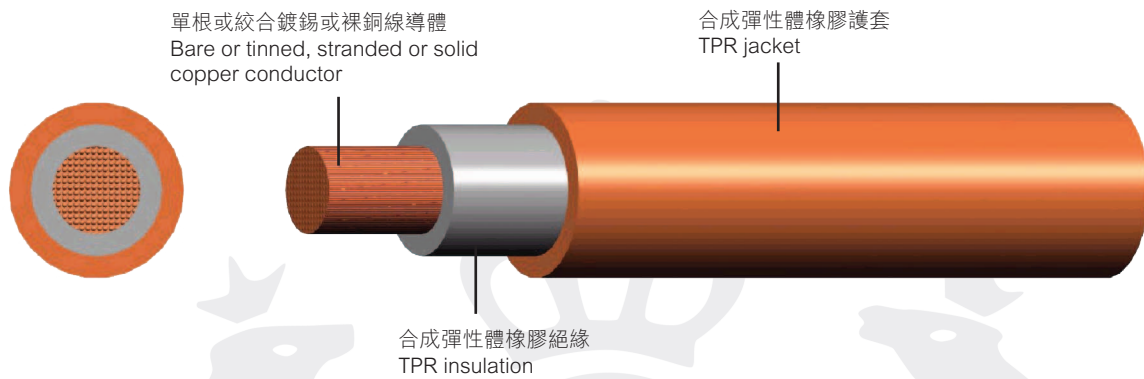
重型通用橡套軟電纜 (橡膠線)

HEAVY DUTY RUBBER INSULATED AND SHEATHED FLEXIBLE CORDS

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
4 x 1.5	30/0.25	11.1	176	13.3	13.7
4 x 2.5	50/0.25	13.0	254	7.98	8.21
4 x 4.0	80/0.25	15.1	357	4.95	5.09
4 x 6.0	119/0.25	16.9	476	3.3	3.39
4 x 10	200/0.25	22.3	826	1.91	1.95
4 x 16	315/0.25	25.4	1132	1.21	1.24
4 x 25	350/0.3	30.5	1700	0.78	0.795
4 x 35	494/0.3	34.0	2219	0.554	0.565
4 x 50	684/0.3	39.3	3060	0.386	0.393
4 x 70	969/0.3	44.1	4056	0.272	0.277
4 x 95	1330/0.3	50.9	5481	0.206	0.21
4 x 120	1691/0.3	54.7	6587	0.161	0.164
5 x 1.5	30/0.25	12.2	214	13.3	13.7
5 x 2.5	50/0.25	14.3	309	7.98	8.21
5 x 4.0	80/0.25	16.8	444	4.95	5.09
5 x 6.0	119/0.25	18.8	590	3.3	3.39
5 x 10	200/0.25	24.5	1011	1.91	1.95
5 x 16	315/0.25	28.1	1400	1.21	1.24
5 x 25	350/0.3	33.7	2101	0.78	0.795
5 x 35	494/0.3	37.5	2739	0.554	0.565
5 x 50	684/0.3	43.8	3783	0.386	0.393
5 x 70	969/0.3	49.6	5110	0.272	0.277
5 x 95	1330/0.3	56.1	6679	0.206	0.21
5 x 120	1691/0.3	60.7	8185	0.161	0.164

單層或雙層電焊機電纜 (電焊線)

WELDING CABLES



ROYAL HORSE GB/T5013 245IEC82 YHF NNmm² ARC WELDING CABLE

說明

- 工作溫度: 65 °C
- 額定電壓: 220V
- 標準: GB/T5013、IEC60245
- 型號: 245IEC82 (YHF)
- 導體使用單根或絞合鍍錫或裸銅線
- 合成彈性體橡膠絕緣
- 合成彈性體橡膠護套

應用

- 連接電焊鉗用

DESCRIPTION

- Rated temperature: 65°C
- Rated voltage: 220V
- Reference standard: GB/T5013, IEC60245
- Model: 245IEC82 (YHF)
- Bare or tinned, stranded copper conductor
- Colour-coded TPR insulation
- TPR jacket

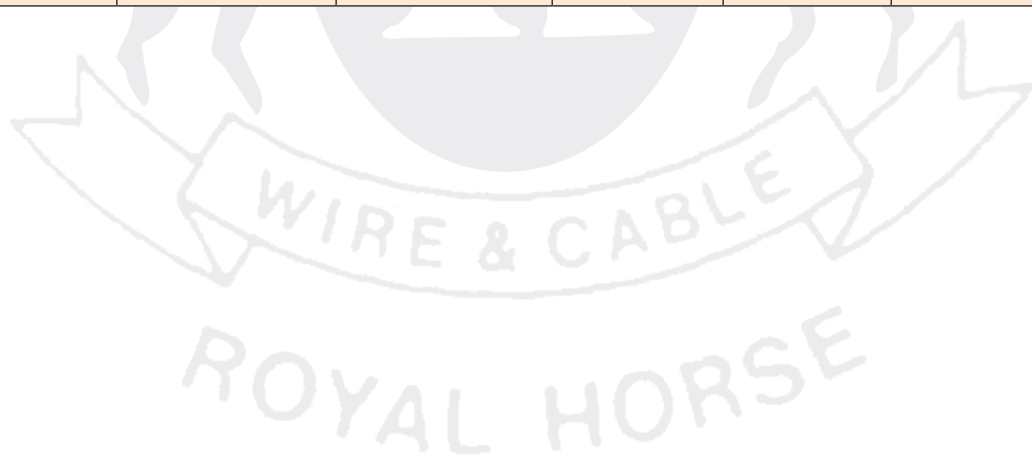
APPLICATION

- For connecting welding clamp

單層或雙層電焊機電纜 (電焊線)

WELDING CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
單層 / 雙層電焊機電纜					
16	315/0.25	9.3	207	1.210	1.240
25	500/0.25	11.1	312	0.780	0.795
35	700/0.25	12.6	424	0.554	0.565
50	1000/0.25	14.3	582	0.386	0.393
70	1400/0.25	16.9	807	0.272	0.277
95	1920/0.25	19.3	1084	0.206	0.210
120	2400/0.25	21.4	1354	0.161	0.164
150	2960/0.25	23.1	1634	0.129	0.132
185	3689/0.25	25.5	2037	0.106	0.108
240	4760/0.25	28.4	2575	0.0801	0.0817
300	5957/0.25	31.4	3185	0.0641	0.0654

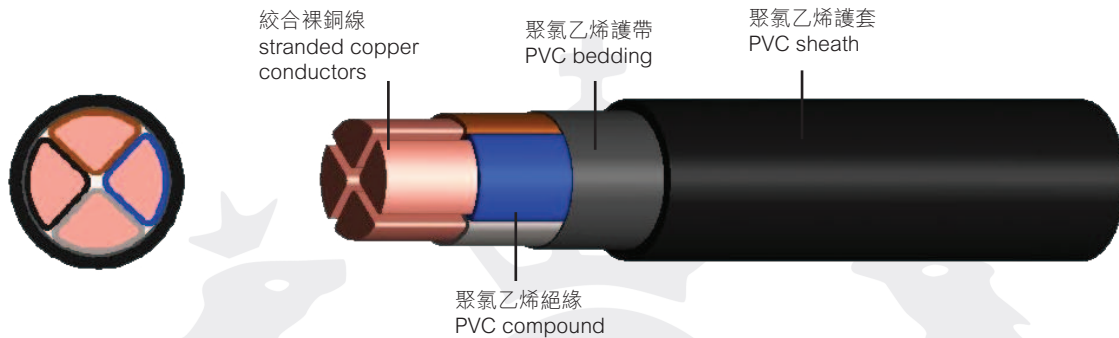


鎧裝電力電纜

ARMoured POWER CABLE



聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (1-4芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



ROYAL HORSE 0.6/1KV N×N SQMM PVC/PVC CABLE IEC60502-1 KEMA-KEUR

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS6346
- 型號: VV
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS6346
- Model: VV
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Flame retardant PVC sheathed overall

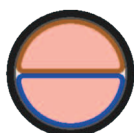
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



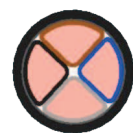
單芯Single Core



兩芯Two Core



三芯Three Core



四芯Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
1.5	1/1.38	5.8	28	12.1
2.5	1/1.76	6.2	31	7.41
4.0	7/0.85	7.4	38	4.61
6.0	7/1.04	7.9	42	3.08
10	7/1.35	8.9	48	1.83
16	7/1.7	9.4	55	1.15
25	7/2.14	11.4	66	0.727
35	19/1.53	12.9	74	0.524
50	19/1.78	14.5	84	0.387
70	19/2.14	16.5	103	0.268
95	19/2.52	19	129	0.193
120	37/2.03	20.8	151	0.153
150	37/2.25	22.8	167	0.124
185	37/2.52	25.3	197	0.0991
240	61/2.25	28.5	235	0.0754
300	61/2.52	31.5	275	0.0601
400	91/2.36	35.4	326	0.0470
500	91/2.65	39.2	399	0.0366

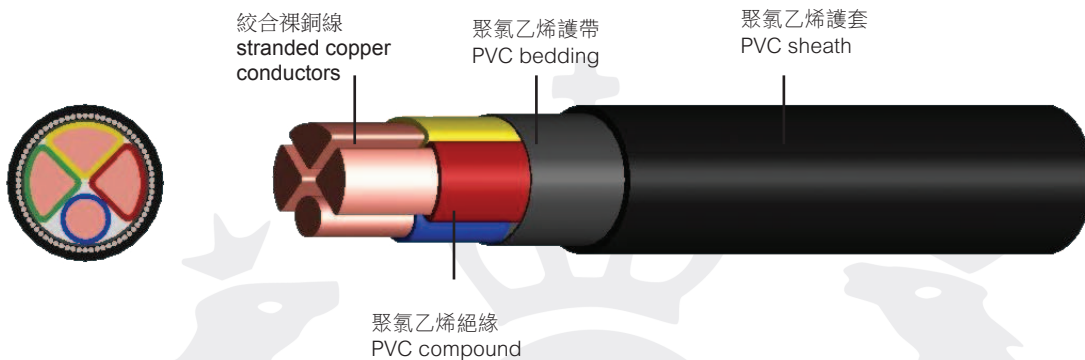
聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (1-4芯)
PVC INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (1-4 CORES)

兩芯至四芯 Two-core to Four-Core

截面 Cross - sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	12	12.5	13.2	186	211	243	12.1
2.5	1/1.76	12.8	13.3	14.2	225	258	305	7.41
4.0	7/0.85	15.2	15.9	17.1	324	379	454	4.61
6.0	7/1.04	16.2	17.0	18.3	390	466	564	3.08
10	7/1.35	18.2	19.1	20.7	531	646	794	1.83
16	7/1.7	20.0	21.3	23.1	699	881	1095	1.15
25	10/1.83	17.2	19.8	22.1	679	973	1270	0.727
35	14/1.83	18.8	21.6	24.3	887	1280	1677	0.524
50	19/1.83	21.5	24.8	27.7	1197	1735	2274	0.387
70	27/1.83	23.8	28.2	31.7	1606	2360	3113	0.268
95	37/1.83	27.4	32.0	36.8	2157	3183	4207	0.193
120	30/2.32	29.3	35.1	40.1	2689	3979	5259	0.153
150	37/2.32	32.4	38.5	44.4	3291	4864	6446	0.124
185	37/2.52	35.7	42.2	48.5	4002	5917	7846	0.0991
240	48/2.52	40.3	48.0	55.7	5122	7598	10108	0.0754
300	61/2.52	44.5	53.3	61.4	6430	9548	12669	0.0601
400	61/2.95	50.1	60.2	69.0	8634	12822	17049	0.0470

圓形導體 ≤ 16mm²; 扇形導體 ≥ 25mm²
 Circular conductor ≤ 16mm²; Shaped conductor ≥ 25mm²

聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² PVC/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (3+1芯)
PVC INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	13.1	238
3x2.5+1x1.5	1/1.76, 1/1.38	14.0	291
3x4.0+1x2.5	7/0.85, 7/0.67	16.5	424
3x6.0+1x4.0	7/1.04, 7/0.85	18.1	508
3x10+1x6.0	7/1.35, 7/1.04	20.2	744
3x16+1x6.0	7/1.70, 7/1.04	22.0	963
3x16+1x10	7/1.70, 7/1.35	22.6	1022
3x25+1x10	7/2.14, 7/1.35	25.8	1416
3x25+1x16	7/2.14, 7/1.70	26.5	1494
3x35+1x10	19/1.53, 7/1.35	28.3	1777
3x35+1x16	19/1.53, 7/1.70	28.9	1855

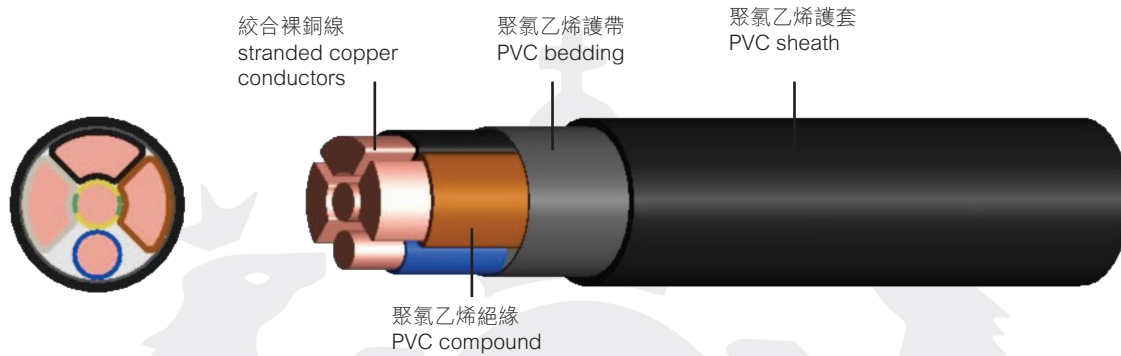


聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (3+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	22.0	1122
3x25+1x16	10/1.83, 7/1.70	22.1	1184
3x35+1x10	14/1.83, 7/1.35	24.2	1432
3x35+1x16	14/1.83, 7/1.70	24.4	1494
3x50+1x16	19/1.83, 7/1.70	27.0	1944
3x50+1x25	19/1.83, 7/2.14	27.8	2066
3x70+1x25	27/1.83, 7/2.14	30.7	2676
3x70+1x35	27/1.83, 19/1.53	31.4	2798
3x95+1x35	37/1.83, 19/1.53	35.8	3629
3x95+1x50	37/1.83, 19/1.78	36.3	3767
3x120+1x50	30/2.32, 19/1.78	39.0	4564
3x120+1x70	30/2.32, 19/2.14	39.6	4780
3x150+1x50	37/2.32, 19/1.78	43.5	5474
3x150+1x70	37/2.32, 19/2.14	44.1	5699
3x185+1x50	37/2.52, 19/1.78	47.4	6564
3x185+1x95	37/2.52, 19/2.52	48.7	7054
3x240+1x70	48/2.52, 19/2.14	53.3	8474
3x240+1x120	48/2.52, 37/2.03	54.5	8997
3x300+1x95	61/2.52, 19/2.52	57.6	10690
3x300+1x150	61/2.52, 37/2.25	59.8	11252
3x400+1x120	61/2.95, 37/2.03	66.2	14264
3x400+1x185	61/2.95, 37/2.52	68.2	14979

聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+2芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² PVC/PVC CABLE IEC60502-1 KEMA-KEUR

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS6346
- 型號: VV
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS6346
- Model: VV
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Flame retardant PVC sheathed overall

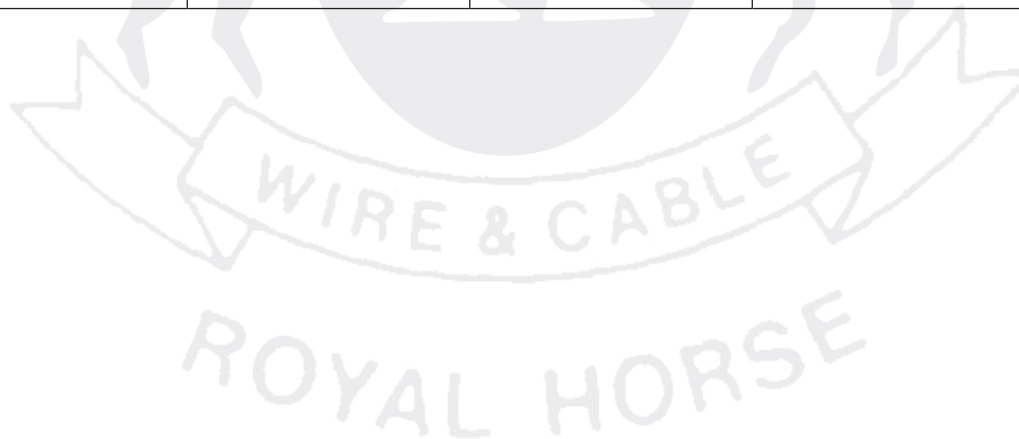
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (3+2芯)
PVC INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	13.8	265
3x2.5+2x1.5	1/1.76, 1/1.38	14.6	325
3x4.0+2x2.5	7/0.85, 7/0.67	17.2	461
3x6.0+2x4.0	7/1.04, 7/0.85	19.0	608
3x10+2x6.0	7/1.35, 7/1.04	21.1	829
3x16+2x6.0	7/1.70, 7/1.04	22.7	1043
3x16+2x10	7/1.70, 7/1.35	23.8	1160
3x25+2x10	7/2.14, 7/1.35	26.8	1543
3x25+2x16	7/2.14, 7/1.70	27.9	1704
3x35+2x10	19/1.53, 7/1.35	28.7	1889
3x35+2x16	19/1.53, 7/1.70	29.8	2040



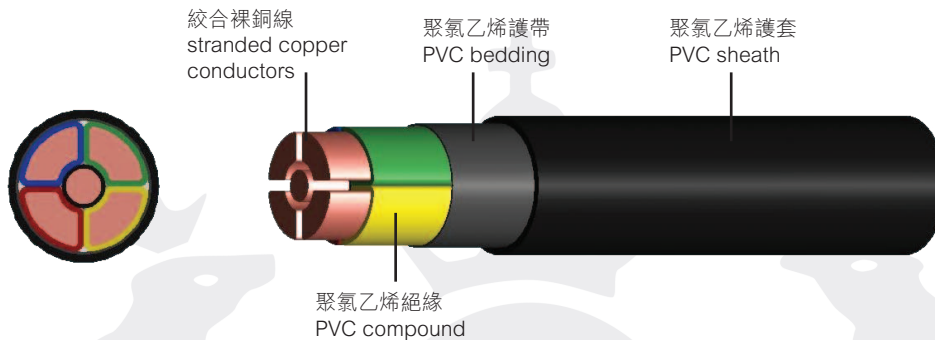
聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (3+2芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	28.1	2140
3x50+2x25	19/1.83, 7/2.14	32.3	2399
3x70+2x25	27/1.83, 7/2.14	33.2	3011
3x70+2x35	27/1.83, 19/1.53	35.7	3224
3x95+2x35	37/1.83, 19/1.53	38.1	4042
3x95+2x50	37/1.83, 19/1.78	41.7	4362
3x120+2x35	30/2.32, 19/1.53	40.0	4838
3x120+2x70	30/2.32, 19/2.14	47.6	5644
3x150+2x50	37/2.32, 19/1.78	44.3	6005
3x150+2x70	37/2.32, 19/2.14	48.3	6490
3x185+2x50	37/2.52, 19/1.78	46.0	7051
3x185+2x95	37/2.52, 19/2.52	55.3	8201
3x240+2x70	48/2.52, 19/2.14	52.2	9173
3x240+2x120	48/2.52, 37/2.03	61.1	10403
3x300+2x95	61/2.52, 19/2.52	59.6	11717
3x300+2x150	61/2.52, 37/2.25	67.6	12978

ROYAL HORSE

聚氯乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (4+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² PVC/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (4+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

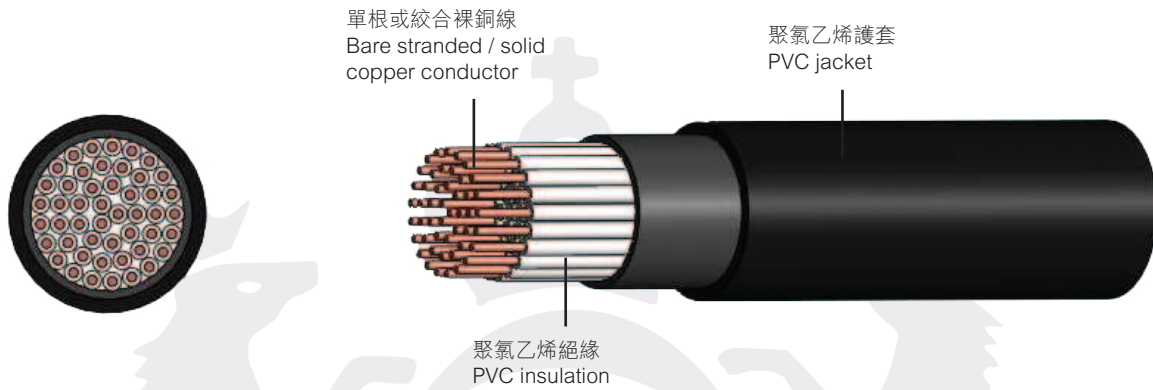
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	14.0	274
4x2.5+1x1.5	1/1.78, 1/1.38	15.0	341
4x4.0+1x2.5	7/0.85, 7/0.67	17.9	502
4x6.0+1x4.0	7/1.04, 7/0.85	19.5	644
4x10+1x6.0	7/1.35, 7/1.04	21.9	896
4x16+1x6.0	7/1.70, 7/1.04	24.1	1193
4x16+1x10	7/1.70, 7/1.35	24.7	1252
4x25+1x10	7/2.14, 7/1.35	28.7	1785
4x25+1x16	7/2.14, 7/1.70	29.5	1862
4x35+1x10	19/1.53, 7/1.35	31.5	2256
4x35+1x16	19/1.53, 7/1.70	32.1	2332

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (4+1芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	29.9	2536
4x50+1x25	19/1.83, 7/2.14	31.7	2660
4x70+1x25	27/1.83, 7/2.14	33.8	3479
4x70+1x35	27/1.83, 19/1.53	35.1	3584
4x95+1x35	37/1.83, 19/1.53	39.8	4713
4x95+1x50	37/1.83, 19/1.78	41.6	4863
4x120+1x35	30/2.32, 19/1.53	43.0	5781
4x120+1x70	30/2.32, 19/2.14	46.9	6181
4x150+1x50	36/2.32, 19/1.78	46.9	7105
4x150+1x70	36/2.32, 19/2.14	48.9	7354
4x185+1x50	45/2.32, 19/1.78	50.4	8520
4x185+1x95	45/2.32, 19/2.52	55.1	9101
4x240+1x70	60/2.26, 19/2.14	57.3	10999
4x240+1x120	60/2.26, 37/2.03	61.8	11621
4x300+1x95	61/2.52, 19/2.52	65.0	13946
4x300+1x150	61/2.52, 37/2.25	68.8	14552

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (多芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)



ROYAL HORSE 0.6/1KV N×NN SQMM PVC/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: IEC60502-1, GB/T12706
- 型號: VV
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃聚氯乙稀護套

應用

- 固定敷設在室內、隧道、導管等場合
- 適用於電源電路控制、電站、地下隧道、儀錶儀器、報警系統等

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 600/1000V
- Reference standard: IEC60502-1, GB/T12706
- Model: VV
- Bare stranded or solid copper conductor
- Flame retardant colour-coded PVC insulation
- Flame retardant PVC jacket

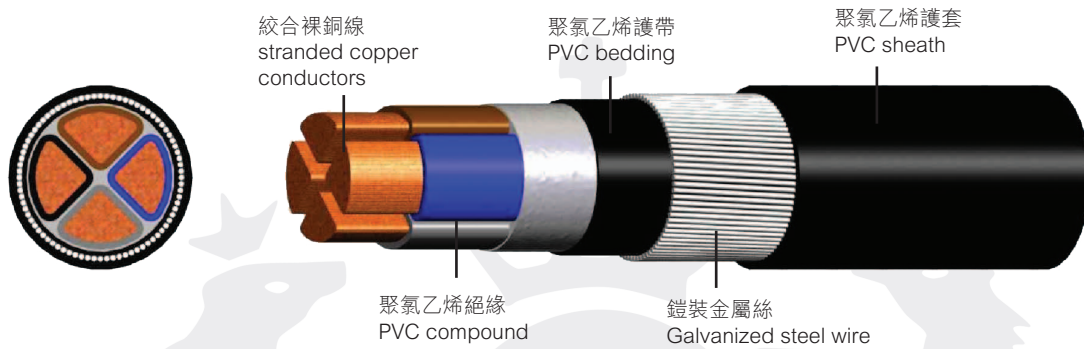
APPLICATION

- Place indoor, tunnel, conduit, and not suppose to bear external mechanical force
- For power control circuits, power stations, underground tunnels, instrumentation, alarm systems

聚氯乙稀絕緣、無鎧裝、聚氯乙稀護套電力電纜 (多芯) PVC INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)

截面 × 芯數 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω / km) 20°C Max
1.5 x 5	7/0.52	14.2	269	12.1
1.5 x 7	7/0.52	15.2	339	12.1
1.5 x 10	7/0.52	18.4	465	12.1
1.5 x 12	7/0.52	18.9	514	12.1
1.5 x 19	7/0.52	21.6	712	12.1
1.5 x 27	7/0.52	25.3	955	12.1
1.5 x 37	7/0.52	28.0	1223	12.1
1.5 x 48	7/0.52	32.5	1583	12.1
2.5 x 5	7/0.67	14.8	359	7.41
2.5 x 7	7/0.67	16.4	435	7.41
2.5 x 10	7/0.67	20.0	600	7.41
2.5 x 12	7/0.67	20.6	651	7.41
2.5 x 19	7/0.67	23.6	948	7.41
2.5 x 27	7/0.67	27.7	1283	7.41
2.5 x 37	7/0.67	31.2	1692	7.41
2.5 x 48	7/0.67	36.0	2169	7.41
4.0 x 5	7/0.85	18.0	519	4.61
4.0 x 7	7/0.85	19.4	637	4.61
4.0 x 10	7/0.85	24.0	890	4.61
4.0 x 12	7/0.85	24.7	1001	4.61
4.0 x 19	7/0.85	28.8	1451	4.61
4.0 x 27	7/0.85	34.9	2044	4.61
4.0 x 37	7/0.85	39.0	2673	4.61
4.0 x 48	7/0.85	45.1	3439	4.61

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



ROYAL HORSE 0.6/1KV N×NN SQMM PVC/SWA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS6346
- 型號: VV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃聚氯乙稀護帶
- 鎧裝金屬絲
- 阻燃聚氯乙稀護套

應用

- 地低電纜
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS6346
- Model: VV₃₂
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω / km) 20°C Max
120	37/2.03	27.1	1819	0.153
150	37/2.25	29.2	2159	0.124
185	37/2.52	32.0	2643	0.0991
240	61/2.25	36.0	3414	0.0754
300	61/2.52	38.7	4124	0.0601
400	91/2.36	43.6	5300	0.0470
500	91/2.65	47.9	6536	0.0366
630	127/2.52	51.5	7932	0.0283
800	127/2.85	57.4	10020	0.0221
1000	127/3.20	64.2	12449	0.0176

* 使用非磁性金屬線鎧裝 Use Aluminum Armour wire.

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)

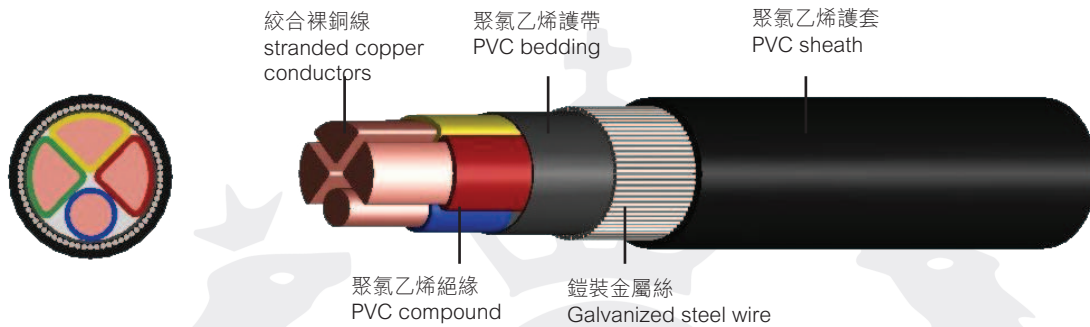
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	12.8	13.3	14.1	329	358	405	12.10
2.5	1/1.78	13.8	14.3	15.2	386	426	475	7.41
4.0	7/0.85	17.1	17.8	19.3	616	683	807	4.61
6.0	7/1.04	18.4	19.3	20.9	712	829	967	3.08
10	7/1.35	21.0	22.0	23.6	963	1091	1278	1.83
16	7/1.70	23.5	24.9	27.5	1237	1443	1874	1.15
25	10/1.83	21.2	24.6	26.8	1165	1672	2057	0.727
35	14/1.8	24.8	27.1	30.3	1403	2149	2571	0.524
50	19/1.83	27.8	30.5	35.4	1791	2735	3329	0.387
70	27/1.83	30.4	35.0	39.2	2264	3714	4639	0.268
95	37/1.83	35.5	39.3	44.3	2919	4739	5888	0.193
120	30/2.30	38.0	42.2	49.3	3531	5690	7505	0.153
150	36/2.32	41.3	47.5	53.6	4231	7179	8930	0.124
185	45/2.30	46.4	51.9	59.0	5102	8387	10601	0.0991
240	60/2.26	51.2	57.8	65.7	6290	11049	13849	0.0754
300	61/2.52	56.4	63.2	72.0	7984	13471	16633	0.0601
400	61/2.90	61.9	69.6	81.3	10355	17833	22727	0.0470

圓形導體 ≤ 16mm²; 扇形導體 ≥ 25mm²

Circular conductor ≤ 16mm²; Shaped conductor ≥ 25mm²

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (3+1芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² PVC/SWA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃無紡布/聚氯乙稀內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙稀護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₃₂
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (3+1芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED
POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	14.9	428
3x2.5+1x1.5	1/1.76, 1/1.38	16.4	566
3x4.0+1x2.5	7/0.85, 7/0.67	18.9	763
3x6.0+1x4.0	7/1.04, 7/0.85	20.5	887
3x10+1x6.0	7/1.35, 7/1.04	23.4	1325
3x16+1x6.0	7/1.70, 7/1.04	25.2	1595
3x16+1x10	7/1.70, 7/1.35	25.8	1667
3x25+1x10	7/2.14, 7/1.35	29.2	2193
3x25+1x16	7/2.14, 7/1.70	29.9	2287
3x35+1x10	19/1.53, 7/1.35	31.7	2623
3x35+1x16	19/1.53, 7/1.70	32.3	2718

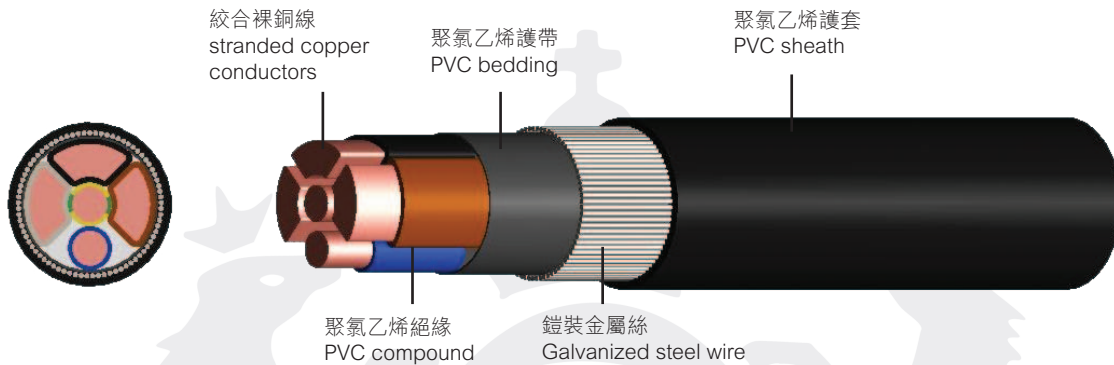


聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (3+1芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	27.0	2050
3x25+1x16	10/1.83, 7/1.70	27.1	1991
3x35+1x10	14/1.83, 7/1.35	29.2	2318
3x35+1x16	14/1.83, 7/1.70	29.4	2381
3x50+1x16	19/1.83, 7/1.70	32.2	2961
3x50+1x25	19/1.83, 7/2.14	32.8	3089
3x70+1x25	27/1.83, 7/2.14	36.7	4056
3x70+1x35	27/1.83, 19/1.53	37.4	4209
3x95+1x35	37/1.83, 19/1.53	42.0	5251
3x95+1x50	37/1.83, 19/1.78	42.3	5393
3x120+1x50	30/2.32, 19/1.78	46.0	6694
3x120+1x70	30/2.32, 19/2.14	46.8	6976
3x150+1x50	37/2.32, 19/1.78	50.5	7840
3x150+1x70	37/2.32, 19/2.14	51.1	8069
3x185+1x50	37/2.52, 19/1.78	54.6	9102
3x185+1x95	37/2.52, 19/2.52	55.9	9601
3x240+1x70	48/2.52, 19/2.14	62.3	12047
3x240+1x120	48/2.52, 37/2.03	63.5	12640
3x300+1x95	61/2.52, 19/2.52	67.4	14428
3x300+1x150	61/2.52, 37/2.25	68.8	15123
3x400+1x120	61/2.95, 37/2.03	76.6	19228
3x400+1x185	61/2.95, 37/2.52	78.8	20118

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² PVC/SWA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₃₂
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	16.2	539
3x2.5+2x1.5	1/1.76, 1/1.38	17.2	617
3x4.0+2x2.5	7/0.85, 7/0.67	19.6	821
3x6.0+2x4.0	7/1.04, 7/0.85	22.2	1134
3x10+2x6.0	7/1.35, 7/1.04	24.3	1424
3x16+2x6.0	7/1.70, 7/1.04	25.9	1688
3x16+2x10	7/1.70, 7/1.35	27.0	1855
3x25+2x10	7/2.14, 7/1.35	30.0	2337
3x25+2x16	7/2.14, 7/1.70	31.1	2519
3x35+2x10	19/1.53, 7/1.35	32.4	2752
3x35+2x16	19/1.53, 7/1.70	34.0	3163



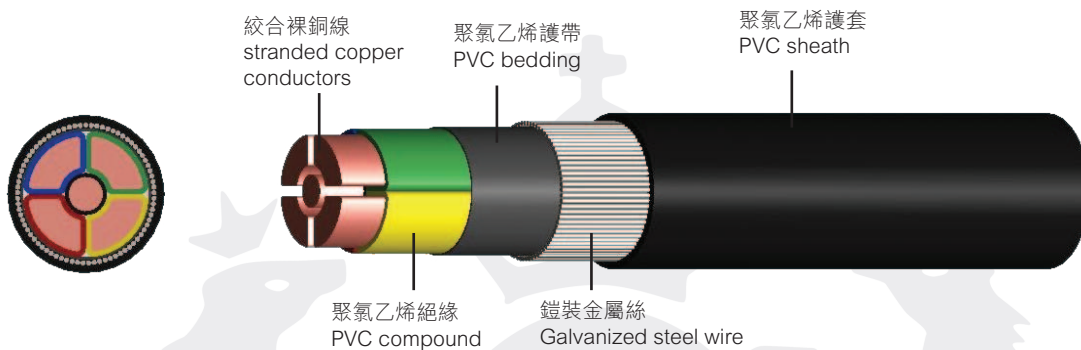
聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	34.1	3404
3x50+2x25	19/1.83, 7/2.14	38.3	3845
3x70+2x25	27/1.83, 7/2.14	39.2	4486
3x70+2x35	27/1.83, 19/1.53	41.7	4795
3x95+2x35	37/1.83, 19/1.53	45.5	6115
3x95+2x50	37/1.83, 19/1.78	48.7	6598
3x120+2x35	30/2.32, 19/1.53	47.0	6982
3x120+2x70	30/2.32, 19/2.14	54.6	8165
3x150+2x50	37/2.32, 19/1.78	51.5	8406
3x150+2x70	37/2.32, 19/2.14	55.5	9080
3x185+2x50	37/2.52, 19/1.78	53.2	9546
3x185+2x95	37/2.52, 19/2.52	62.3	11669
3x240+2x70	48/2.52, 19/2.14	58.2	12682
3x240+2x120	48/2.52, 37/2.03	69.9	14263
3x300+2x95	61/2.52, 19/2.52	68.8	15539
3x300+2x150	61/2.52, 37/2.25	77.6	17959

ROYAL HORSE

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (4+1芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² PVC/SWA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₃₂
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (4+1芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

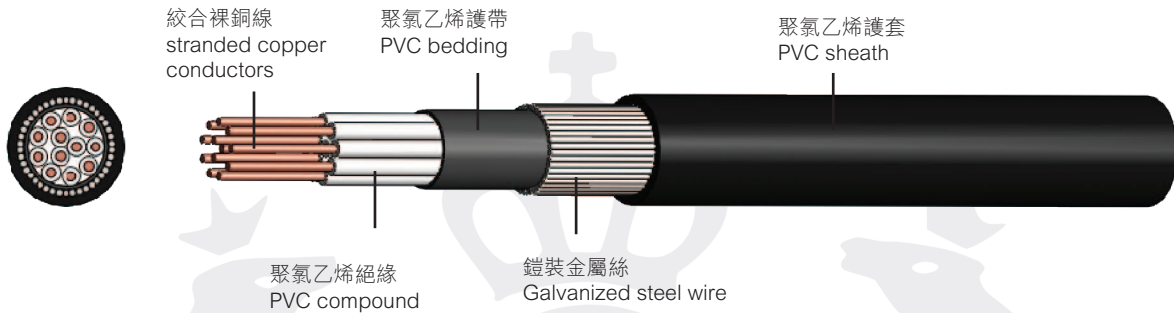
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	16.4	549
4x2.5+1x1.5	1/1.78, 1/1.38	17.4	643
4x4.0+1x2.5	7/0.85, 7/0.67	20.3	871
4x6.0+1x4.0	7/1.04, 7/0.85	22.7	1187
4x10+1x6.0	7/1.35, 7/1.04	25.1	1528
4x16+1x6.0	7/1.70, 7/1.04	27.3	1888
4x16+1x10	7/1.70, 7/1.35	28.1	1977
4x25+1x10	7/2.14, 7/1.35	32.1	2647
4x25+1x16	7/2.14, 7/1.70	33.5	2959
4x35+1x10	19/1.53, 7/1.35	35.7	3434
4x35+1x16	19/1.53, 7/1.70	36.3	3536

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (4+1芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	35.7	3844
4x50+1x25	19/1.83, 7/2.14	37.7	4069
4x70+1x25	27/1.83, 7/2.14	39.8	4983
4x70+1x35	27/1.83, 19/1.53	41.1	5150
4x95+1x35	37/1.83, 19/1.53	46.8	6856
4x95+1x50	37/1.83, 19/1.78	48.8	7121
4x120+1x35	30/2.32, 19/1.53	50.0	8109
4x120+1x70	30/2.32, 19/2.14	53.9	8697
4x150+1x50	36/2.32, 19/1.78	53.9	9621
4x150+1x70	36/2.32, 19/2.14	56.9	10440
4x185+1x50	45/2.32, 19/1.78	58.9	11759
4x185+1x95	45/2.32, 19/2.52	64.1	12670
4x240+1x70	60/2.26, 19/2.14	66.3	14793
4x240+1x120	60/2.26, 37/2.03	71.8	16384
4x300+1x95	61/2.52, 19/2.52	74.0	18805
4x300+1x150	61/2.52, 37/2.25	78.8	19623

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (多芯) PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)



ROYAL HORSE 0.6/1KV N×NN SQMM PVC/SWA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB12706-2008、IEC60502、BS6346
- 型號: VV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃聚氯乙稀內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙稀護套

應用

- 固定敷設在隧道、管道、電纜溝等場合
- 適用於電源電路控制、電站、地下隧道、儀錶儀器、報警系統等
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706-2008, IEC60502, BS6346
- Model: VV₃₂
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- For power control circuits, power stations, underground tunnels, instrumentation, alarm systems
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (多芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED
POWER CABLES (MULTI-CORE)

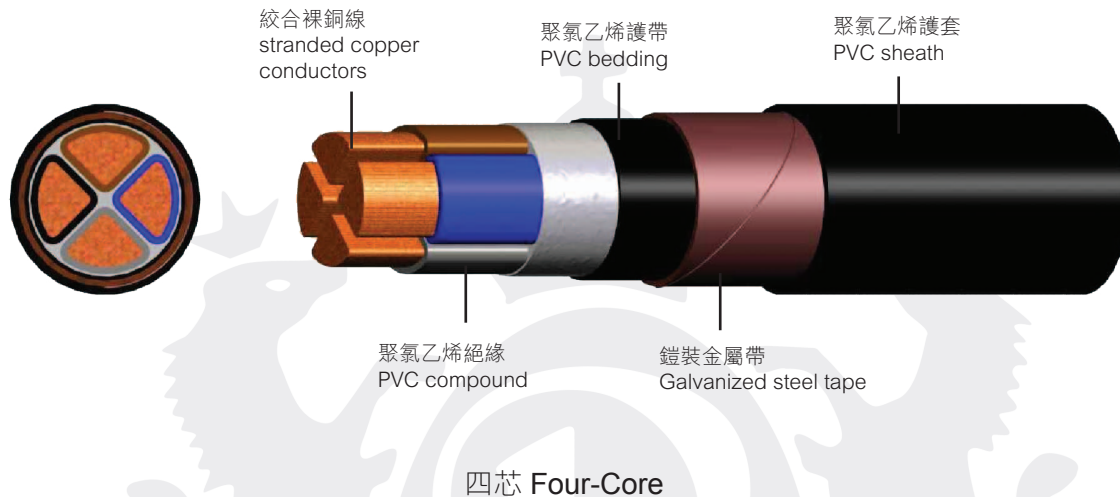
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistanece (Ω/km) 20°C Max
1.5 x 5	1/1.38	15.7	124	12.1
1.5 x 5	7/0.52	16.6	132	12.1
1.5 x 7	1/1.38	17.0	136	12.1
1.5 x 7	7/0.52	17.6	141	12.1
1.5 x 10	1/1.38	20.0	164	12.1
1.5 x 10	7/0.52	20.8	170	12.1
1.5 x 12	1/1.38	20.5	169	12.1
1.5 x 12	7/0.52	21.3	175	12.1
1.5 x 19	1/1.38	23.8	206	12.1
1.5 x 19	7/0.52	24.8	211	12.1
1.5 x 27	1/1.38	27.3	234	12.1
1.5 x 27	7/0.52	28.5	248	12.1
1.5 x 37	1/1.38	30.0	274	12.1
1.5 x 37	7/0.52	31.6	298	12.1
1.5 x 48	1/1.38	34.7	351	12.1
1.5 x 48	7/0.52	36.7	372	12.1
2.5 x 5	1/1.78	17.2	138	7.41
2.5 x 5	7/0.67	17.7	142	7.41
2.5 x 7	1/1.78	18.2	148	7.41
2.5 x 7	7/0.67	18.8	154	7.41
2.5 x 10	1/1.78	22.4	188	7.41
2.5 x 10	7/0.67	23.2	199	7.41
2.5 x 12	1/1.78	22.9	196	7.41
2.5 x 12	7/0.67	23.8	204	7.41
2.5 x 19	1/1.78	25.8	220	7.41
2.5 x 19	7/0.67	26.8	231	7.41

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套電力電纜 (多芯)
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED
POWER CABLES (MULTI-CORE)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistanece (Ω/km) 20°C Max
2.5 x 27	1/1.78	29.9	272	7.41
2.5 x 27	7/0.67	31.3	296	7.41
2.5 x 37	1/1.78	33.8	328	7.41
2.5 x 37	7/0.67	35.4	361	7.41
2.5 x 48	1/1.78	38.5	409	7.41
2.5 x 48	7/0.67	40.4	447	7.41
4.0 x 5	7/0.85	20.4	167	4.61
4.0 x 7	7/0.85	22.6	191	4.61
4.0 x 10	7/0.85	27.2	234	4.61
4.0 x 12	7/0.85	27.9	240	4.61
4.0 x 19	7/0.85	32.2	305	4.61
4.0 x 27	7/0.85	39.1	417	4.61
4.0 x 37	7/0.85	43.4	497	4.61
4.0 x 48	7/0.85	50.5	640	4.61



聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



ROYAL HORSE 0.6/1KV N×NN SQMM PVC/STA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₂₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃聚氯乙稀護帶
- 鎧裝金屬帶
- 阻燃聚氯乙稀護套

應用

- 地低電纜
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₂₂
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistance (Ω/km) 20°C Max
10	7/1.35	14.1	322	1.83
16	7/1.70	15.1	402	1.15
25	7/2.14	16.9	541	0.727
35	19/1.52	18.1	659	0.524
50	19/1.78	19.7	821	0.387
70	19/2.14	21.5	1063	0.268
95	19/2.52	23.8	1381	0.193
120	37/2.03	25.4	1654	0.153
150	37/2.25	27.6	1990	0.124
185	37/2.52	30.1	2433	0.0991
240	61/2.25	33.3	3087	0.0754
300	61/2.52	36.3	3757	0.0601
400	91/2.36	40.2	4797	0.0470
500	91/2.65	44.4	5960	0.0366
630	127/2.52	48.2	7309	0.0283
800	127/2.85	52.9	9135	0.0221
1000	127/3.20	57.4	11005	0.0176

*使用非磁性金屬帶鎧裝 Use Aluminum Armour tape.

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (1-4芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)

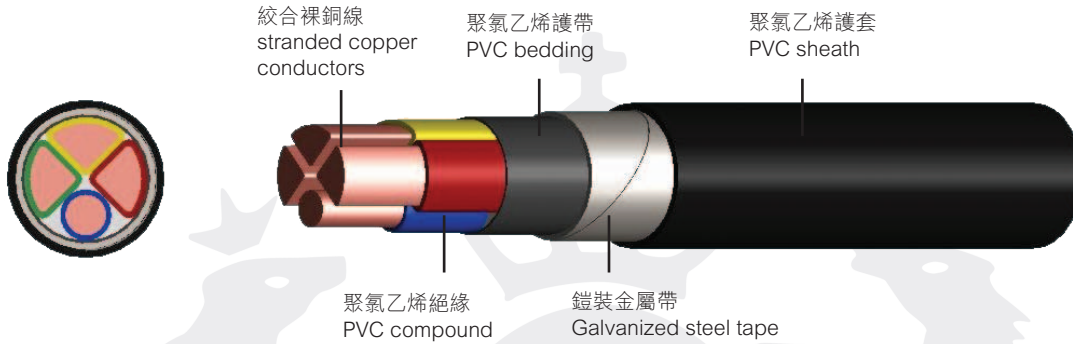
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	13	13.5	14.2	265	295	333	12.10
2.5	1/1.78	13.8	14.3	15.2	309	347	400	7.41
4.0	7/0.85	16.2	16.9	18.1	428	489	573	4.61
6.0	7/1.04	17.2	18.0	19.3	502	583	692	3.08
10	7/1.35	19.2	20.1	21.7	659	782	942	1.83
16	7/1.70	21.0	22.3	24.1	836	1034	1261	1.15
25	10/1.83	19.6	22.2	24.5	890	1219	1545	0.727
35	14/1.83	21.2	24.0	26.7	1119	1548	1980	0.524
50	19/1.83	23.9	27.2	30.3	1464	2044	2635	0.387
70	27/1.83	26.2	30.6	34.3	1903	2711	3523	0.268
95	37/1.83	29.9	34.6	40.8	2510	3596	5111	0.193
120	30/2.30	32.1	38.9	44.1	3071	4820	6240	0.153
150	36/2.32	36.6	42.3	48.2	4082	5789	7507	0.124
185	45/2.30	39.7	46.0	52.8	4863	6927	9034	0.0991
240	60/2.26	45.1	52.6	60.3	6232	8910	11595	0.0754
300	61/2.52	49.1	57.9	66.2	7626	10972	14335	0.0601
400	61/2.90	54.7	65.0	73.6	9974	14454	18880	0.0470

圓形導體 ≤ 16mm²; 扇形導體 ≥ 25mm²

Circular conductor ≤ 16mm²; Shaped conductor ≥ 25mm²

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (3+1芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² PVC/STA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₂₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃無紡布/聚氯乙稀內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙稀護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₂₂
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

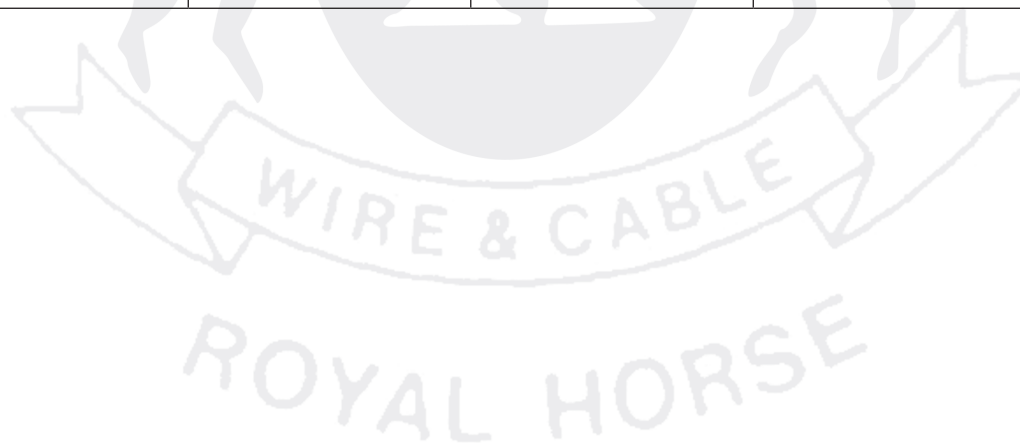
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (3+1芯)
PVC INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	13.9	318
3x2.5+1x1.5	1/1.76, 1/1.38	14.8	379
3x4.0+1x2.5	7/0.85, 7/0.67	17.3	529
3x6.0+1x4.0	7/1.04, 7/0.85	18.9	626
3x10+1x6.0	7/1.35, 7/1.04	21.0	878
3x16+1x6.0	7/1.70, 7/1.04	22.8	1110
3x16+1x10	7/1.70, 7/1.35	23.4	1173
3x25+1x10	7/2.14, 7/1.35	26.6	1591
3x25+1x16	7/2.14, 7/1.70	27.5	1688
3x35+1x10	19/1.53, 7/1.35	29.1	1970
3x35+1x16	19/1.53, 7/1.70	29.7	2053

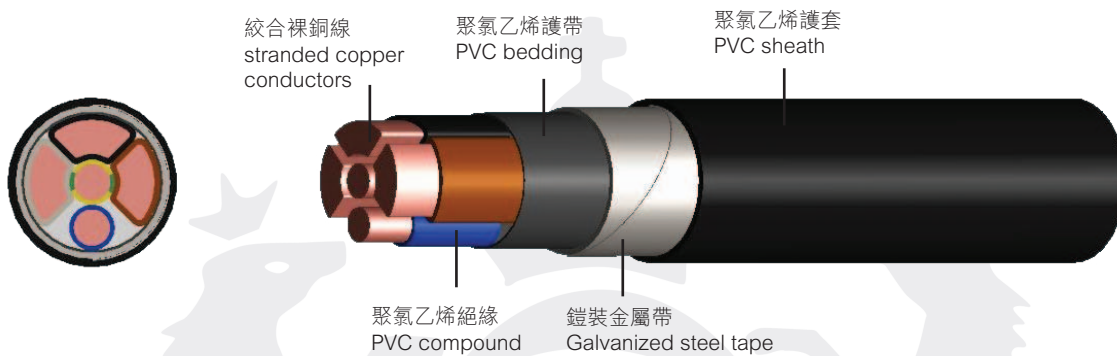


聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (3+1芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	24.4	1396
3x25+1x16	10/1.83, 7/1.70	24.5	1458
3x35+1x10	14/1.83, 7/1.35	26.6	1733
3x35+1x16	14/1.83, 7/1.70	26.8	1797
3x50+1x16	19/1.83, 7/1.70	29.6	2294
3x50+1x25	19/1.83, 7/2.14	30.2	2412
3x70+1x25	27/1.83, 7/2.14	32.4	3059
3x70+1x35	27/1.83, 19/1.53	33.8	3189
3x95+1x35	37/1.83, 19/1.53	39.6	4489
3x95+1x50	37/1.83, 19/1.78	40.1	4640
3x120+1x50	30/2.32, 19/1.78	42.8	5498
3x120+1x70	30/2.32, 19/2.14	43.6	5748
3x150+1x50	37/2.32, 19/1.78	47.3	6511
3x150+1x70	37/2.32, 19/2.14	47.9	6752
3x185+1x50	37/2.52, 19/1.78	51.2	7694
3x185+1x95	37/2.52, 19/2.52	52.7	8239
3x240+1x70	48/2.52, 19/2.14	57.9	9895
3x240+1x120	48/2.52, 37/2.03	59.3	10481
3x300+1x95	61/2.52, 19/2.52	63.2	12276
3x300+1x150	61/2.52, 37/2.25	64.4	12848
3x400+1x120	61/2.95, 37/2.03	71.4	16066
3x400+1x185	61/2.95, 37/2.52	72.8	16788

聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+2芯) PVC INSULATED, STEEL TAPE ARMURED, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² PVC/STA/PVC CABLE IEC60502-1 KEMA-KEUR

說明

- 工作溫度: 70 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₂₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₂₂
- Shaped stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

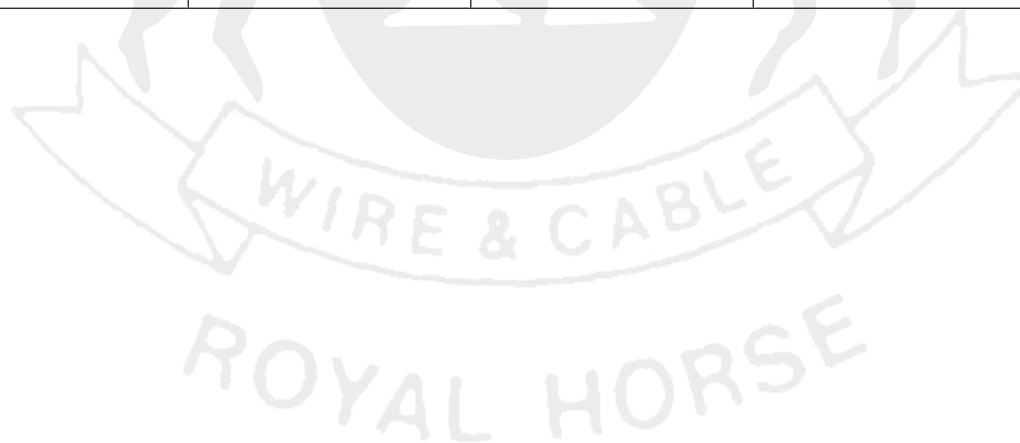
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (3+2芯)
PVC INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	14.6	351
3x2.5+2x1.5	1/1.76, 1/1.38	15.4	417
3x4.0+2x2.5	7/0.85, 7/0.67	18.0	572
3x6.0+2x4.0	7/1.04, 7/0.85	19.8	732
3x10+2x6.0	7/1.35, 7/1.04	21.9	970
3x16+2x6.0	7/1.70, 7/1.04	23.5	1195
3x16+2x10	7/1.70, 7/1.35	24.6	1321
3x25+2x10	7/2.14, 7/1.35	27.6	1736
3x25+2x16	7/2.14, 7/1.70	28.7	1894
3x35+2x10	19/1.53, 7/1.35	29.5	2085
3x35+2x16	19/1.53, 7/1.70	30.8	2258



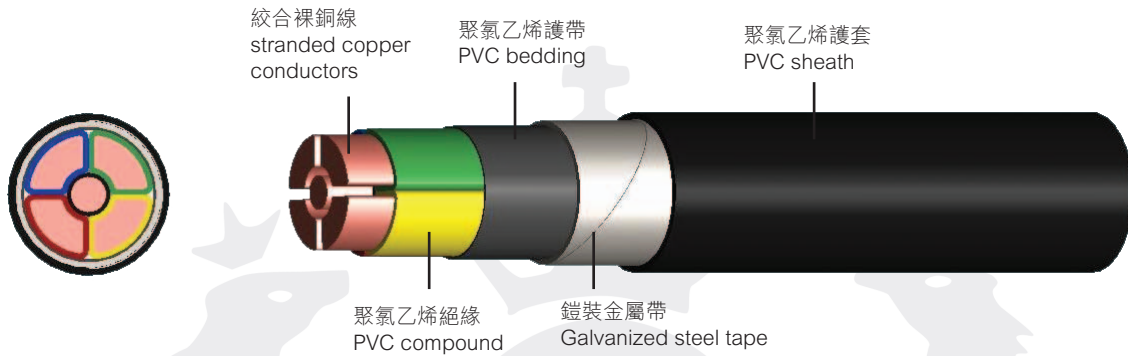
聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (3+2芯)
PVC INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	30.7	2508
3x50+2x25	19/1.83, 7/2.14	34.9	2815
3x70+2x25	27/1.83, 7/2.14	37.2	3809
3x70+2x35	27/1.83, 19/1.53	39.5	4082
3x95+2x35	37/1.83, 19/1.53	42.1	4982
3x95+2x50	37/1.83, 19/1.78	45.5	5359
3x120+2x35	30/2.32, 19/1.53	43.8	5793
3x120+2x70	30/2.32, 19/2.14	51.4	6779
3x150+2x50	37/2.32, 19/1.78	48.1	7063
3x150+2x70	37/2.32, 19/2.14	52.1	7641
3x185+2x50	37/2.52, 19/1.78	49.8	8151
3x185+2x95	37/2.52, 19/2.52	59.1	9513
3x240+2x70	48/2.52, 19/2.14	56.8	10567
3x240+2x120	48/2.52, 37/2.03	65.7	12026
3x300+2x95	61/2.52, 19/2.52	63.4	13279
3x300+2x150	61/2.52, 37/2.25	72.2	14766

ROYAL HORSE

聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² PVC/STA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 70°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: VV₂₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: VV₂₂
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套電力電纜 (4+1芯) PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

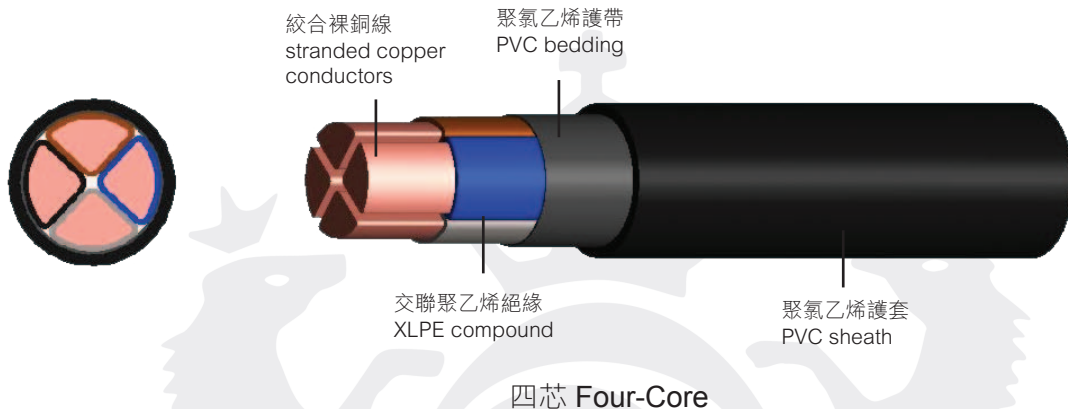
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	14.8	362
4x2.5+1x1.5	1/1.78, 1/1.38	15.8	436
4x4.0+1x2.5	7/0.85, 7/0.67	18.7	619
4x6.0+1x4.0	7/1.04, 7/0.85	20.3	773
4x10+1x6.0	7/1.35, 7/1.04	22.7	1042
4x16+1x6.0	7/1.70, 7/1.04	24.9	1355
4x16+1x10	7/1.70, 7/1.35	25.5	1418
4x25+1x10	7/2.14, 7/1.35	29.5	1981
4x25+1x16	7/2.14, 7/1.70	30.1	2062
4x35+1x10	19/1.53, 7/1.35	32.3	2472
4x35+1x16	19/1.53, 7/1.70	32.9	2552

聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯)
PVC INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (4+1 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	32.3	2920
4x50+1x25	19/1.83, 7/2.14	34.3	3079
4x70+1x25	27/1.83, 7/2.14	37.6	4327
4x70+1x35	27/1.83, 19/1.53	38.9	4466
4x95+1x35	37/1.83, 19/1.53	43.6	5708
4x95+1x50	37/1.83, 19/1.78	45.4	5885
4x120+1x35	30/2.32, 19/1.53	46.8	6855
4x120+1x70	30/2.32, 19/2.14	50.7	7351
4x150+1x50	36/2.32, 19/1.78	50.7	8274
4x150+1x70	36/2.32, 19/2.14	52.7	8572
4x185+1x50	45/2.32, 19/1.78	54.2	9776
4x185+1x95	45/2.32, 19/2.52	58.9	10451
4x240+1x70	60/2.26, 19/2.14	62.1	12621
4x240+1x120	60/2.26, 37/2.03	66.4	13333
4x300+1x95	61/2.52, 19/2.52	69.6	15746
4x300+1x150	61/2.52, 37/2.25	73.6	16488

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



ROYAL HORSE 0.6/1KV N×NN SQM XLPE/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS5467
- 型號: YJV
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 聚氯乙烯/無紡布內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS5467
- Model: YJV
- Shaped stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Flame retardant PVC sheathed overall

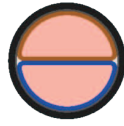
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
1.5	1/1.38	5.6	44	12.1
2.5	1/1.76	6.0	56	7.41
4.0	7/0.85	6.8	78	4.61
6.0	7/1.04	7.4	101	3.08
10	7/1.35	8.3	146	1.83
16	7/1.70	9.3	209	1.15
25	7/2.14	11.0	312	0.727
35	19/1.53	12.3	412	0.524
50	19/1.78	13.7	539	0.387
70	19/2.14	15.9	761	0.268
95	19/2.52	17.8	1022	0.193
120	37/2.03	19.8	1282	0.153
150	37/2.25	22.0	1575	0.124
185	37/2.52	24.5	1967	0.0991
240	61/2.25	27.3	2534	0.0754
300	61/2.52	30.1	3152	0.0601
400	91/2.36	34.2	4103	0.0470
500	91/2.65	38.0	5141	0.0366
630	127/2.52	42.2	6439	0.0283
800	127/2.85	47.3	8199	0.0221
1000	127/3.15	52.0	9986	0.0176

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)

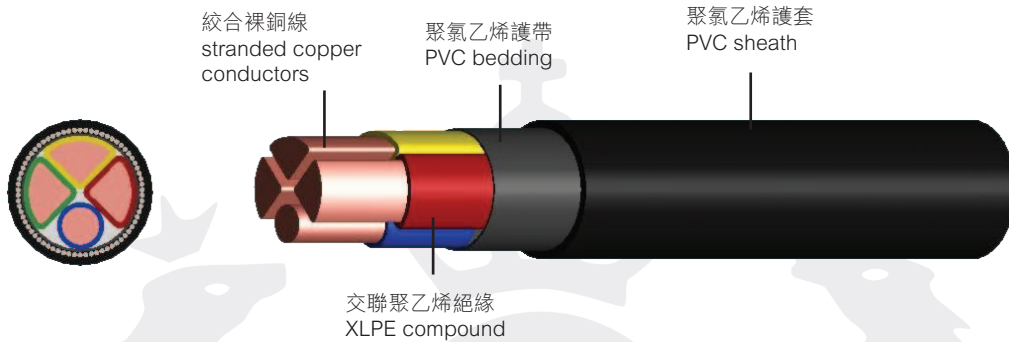
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	12.0	12.5	13.2	180	202	229	12.1
2.5	1/1.76	12.8	13.3	14.2	217	245	288	7.41
4.0	7/0.85	14.4	15.0	16.1	286	332	396	4.61
6.0	7/1.04	15.4	16.1	17.3	349	414	499	3.08
10	7/1.35	17.4	18.3	19.7	482	586	716	1.83
16	7/1.7	19.4	20.4	22.2	652	810	1004	1.15
25	10/1.83	17.2	19.6	21.8	663	943	1218	0.727
35	14/1.83	18.8	21.4	24.1	868	1245	1620	0.524
50	19/1.83	21.1	23.6	27.0	1153	1656	2169	0.387
70	27/1.83	23.8	27.8	31.5	1568	2282	3015	0.268
95	37/1.83	26.1	30.3	35.4	2067	3032	4022	0.193
120	30/2.32	28.8	33.9	39.1	2613	3845	5096	0.153
150	37/2.32	32.1	37.2	43.0	3185	4681	6198	0.124
185	37/2.52	35.0	40.7	48.4	3860	5706	7599	0.0991
240	48/2.52	38.9	46.4	54.0	4930	7301	9707	0.0754
300	61/2.52	43.3	51.4	59.5	6166	9161	12171	0.0601
400	61/2.95	48.5	58.6	66.9	8330	12398	16456	0.0470

圓形導體 ≤ 16mm²; 扇形導體 > 25mm²

Circular conductor ≤ 16mm²; Shaped conductor > 25mm²

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² XLPE/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Flame retardant PVC sheathed overall

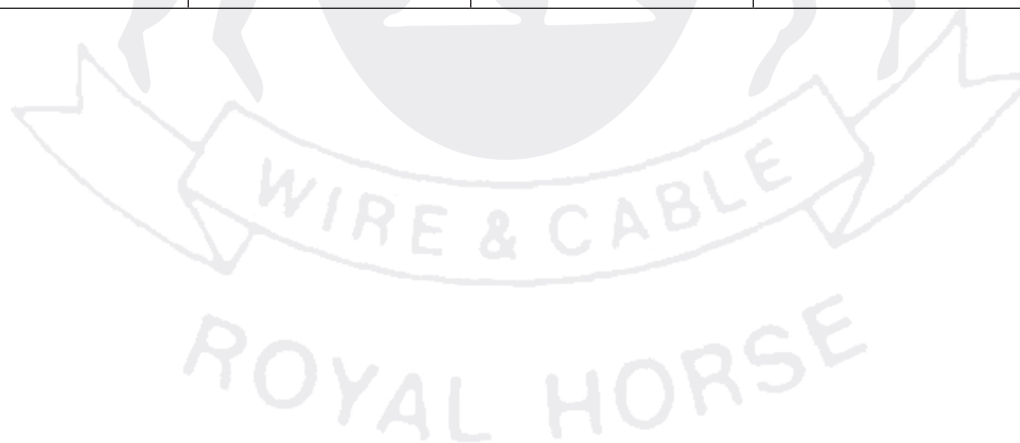
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+1芯)
XLPE INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	13.0	221
3x2.5+1x1.5	1/1.76, 1/1.38	13.9	273
3x4.0+1x2.5	7/0.85, 7/0.67	15.8	374
3x6.0+1x4.0	7/1.04, 7/0.85	17.0	473
3x10+1x6.0	7/1.35, 7/1.04	19.1	662
3x16+1x6.0	7/1.70, 7/1.04	20.9	876
3x16+1x10	7/1.70, 7/1.35	21.5	931
3x25+1x10	7/2.14, 7/1.35	24.3	1282
3x25+1x16	7/2.14, 7/1.70	24.9	1356
3x35+1x10	19/1.53, 7/1.35	26.6	1623
3x35+1x16	19/1.53, 7/1.70	27.2	1698

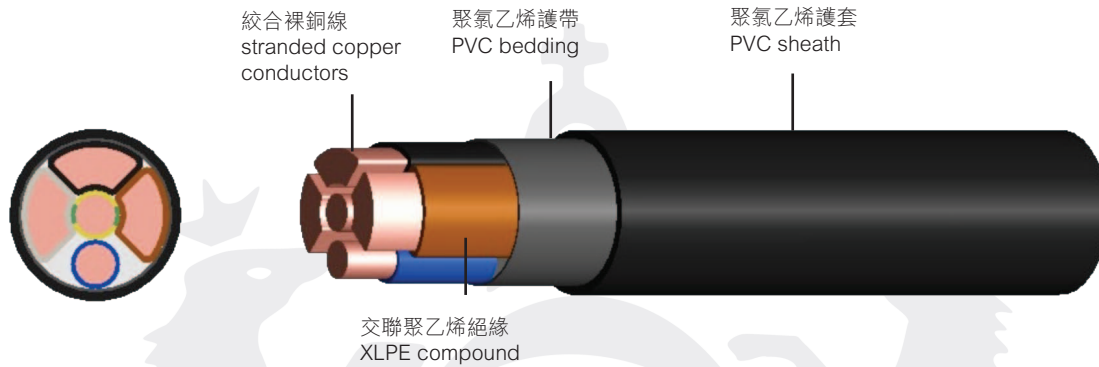


交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	20.8	1070
3x25+1x16	10/1.83, 7/1.70	21.1	1132
3x35+1x10	14/1.83, 7/1.35	22.9	1378
3x35+1x16	14/1.83, 7/1.70	23.2	1440
3x50+1x16	19/1.83, 7/1.70	25.8	1858
3x50+1x25	19/1.83, 7/2.14	26.1	1956
3x70+1x25	27/1.83, 7/2.14	29.7	2572
3x70+1x35	27/1.83, 19/1.53	30.0	2671
3x95+1x35	37/1.83, 19/1.53	33.6	3427
3x95+1x50	37/1.83, 19/1.78	33.9	3565
3x120+1x50	30/2.32, 19/1.78	37.4	4370
3x120+1x70	30/2.32, 19/2.14	37.7	4582
3x150+1x50	37/2.32, 19/1.78	41.6	5239
3x150+1x70	37/2.32, 19/2.14	41.9	5447
3x185+1x50	37/2.52, 19/1.78	46.4	6294
3x185+1x95	37/2.52, 19/2.52	46.9	6757
3x240+1x70	48/2.52, 19/2.14	51.7	8083
3x240+1x120	48/2.52, 37/2.03	52.2	8583
3x300+1x95	61/2.52, 19/2.52	57.1	10198
3x300+1x150	61/2.52, 37/2.25	57.6	10723
3x400+1x120	61/2.95, 37/2.03	64.4	13681
3x400+1x185	61/2.95, 37/2.52	64.9	14329

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+2芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² XLPE/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，
隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard:
GB/T12706, IEC60502
- Model: YJV
- Shaped and circular stranded
copper conductors
- Flame retardant insulated with
PVC compound
- PVC bedded
- Flame retardant PVC sheathed
overall

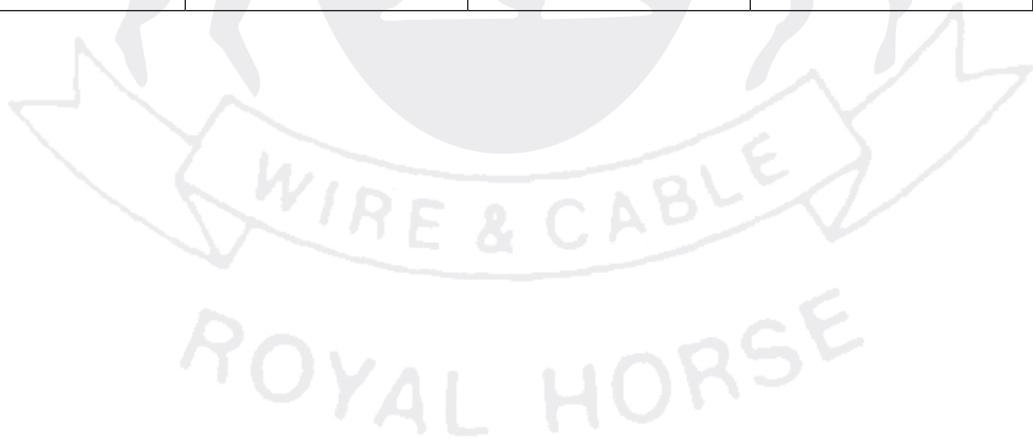
APPLICATION

- For fixed installation of the
transmission and distribution
systems, tunnels and pipelines
and other occasions
- For situation not suppose to bear
external mechanical force

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	13.6	248
3x2.5+2x1.5	1/1.76, 1/1.38	14.7	308
3x4.0+2x2.5	7/0.85, 7/0.67	16.8	460
3x6.0+2x4.0	7/1.04, 7/0.85	18.1	541
3x10+2x6.0	7/1.35, 7/1.04	20.3	753
3x16+2x6.0	7/1.70, 7/1.04	21.9	962
3x16+2x10	7/1.70, 7/1.35	23.0	1072
3x25+2x10	7/2.14, 7/1.35	25.4	1414
3x25+2x16	7/2.14, 7/1.70	26.5	1553
3x35+2x10	19/1.53, 7/1.35	27.5	1750
3x35+2x16	19/1.53, 7/1.70	28.8	1905



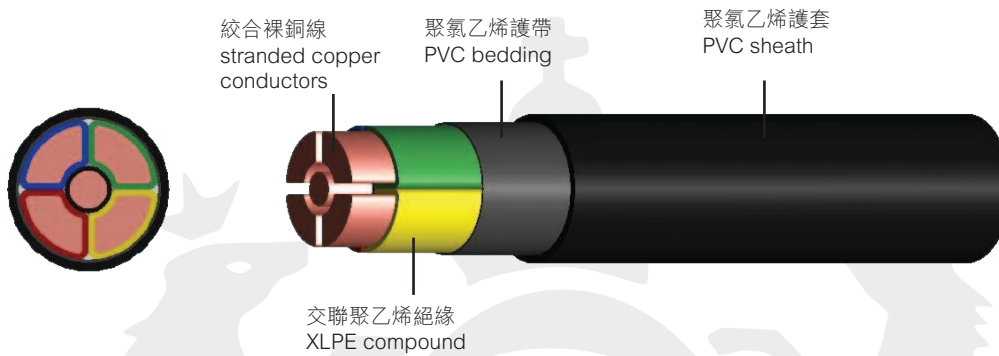
交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (3+2 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	27.1	2020
3x50+2x25	19/1.83, 7/2.14	28.5	2198
3x70+2x25	27/1.83, 7/2.14	30.8	2844
3x70+2x35	27/1.83, 19/1.53	32.1	3006
3x95+2x35	37/1.83, 19/1.53	35.0	3804
3x95+2x50	37/1.83, 19/1.78	36.2	4059
3x120+2x35	30/2.32, 19/1.53	38.3	4617
3x120+2x70	30/2.32, 19/2.14	39.8	5258
3x150+2x50	37/2.32, 19/1.78	42.6	5736
3x150+2x70	37/2.32, 19/2.14	44.2	6091
3x185+2x50	37/2.52, 19/1.78	45.8	6783
3x185+2x95	37/2.52, 19/2.52	49.0	7633
3x240+2x70	48/2.52, 19/2.14	51.6	8803
3x240+2x120	48/2.52, 37/2.03	54.6	9700
3x300+2x95	61/2.52, 19/2.52	58.4	11193
3x300+2x150	61/2.52, 37/2.25	61.4	12104

ROYAL HORSE

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² XLPE/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 電纜不能承受壓力和機械外力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- For situation not suppose to bear external mechanical force

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (4+1芯)
XLPE INSULATED, UN-ARMoured, PVC SHEATHED
POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

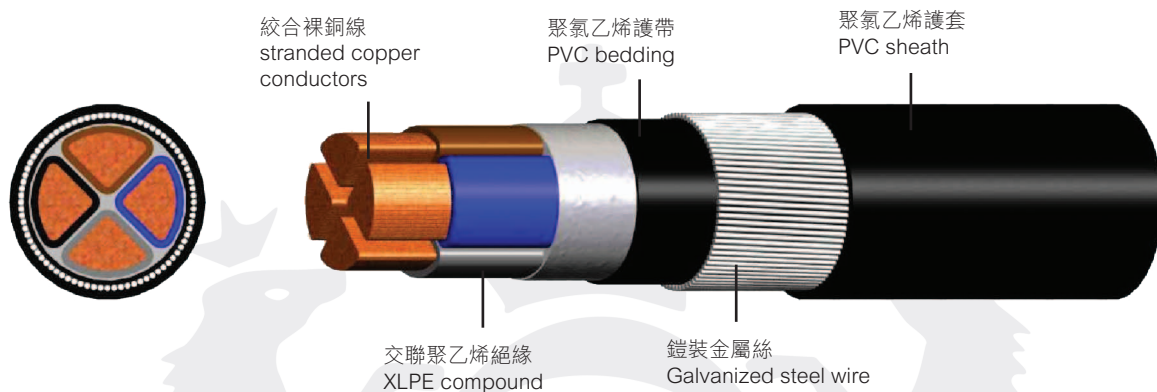
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	13.9	257
4x2.5+1x1.5	1/1.78, 1/1.38	14.9	322
4x4.0+1x2.5	7/0.85, 7/0.67	17.1	446
4x6.0+1x4.0	7/1.04, 7/0.85	18.4	567
4x10+1x6.0	7/1.35, 7/1.04	20.8	806
4x16+1x6.0	7/1.70, 7/1.04	23.0	1087
4x16+1x10	7/1.70, 7/1.35	23.5	1142
4x25+1x10	7/2.14, 7/1.35	26.8	1601
4x25+1x16	7/2.14, 7/1.70	27.3	3552
4x35+1x10	19/1.53, 7/1.35	29.8	2066
4x35+1x16	19/1.53, 7/1.70	30.3	2137

交聯聚乙烯絕緣、無鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, UN-ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	25.1	2262
4x50+1x25	19/1.83, 7/2.14	29.2	2401
4x70+1x25	27/1.83, 7/2.14	31.7	3216
4x70+1x35	27/1.83, 19/1.53	33.0	3319
4x95+1x35	37/1.83, 19/1.53	36.9	4343
4x95+1x50	37/1.83, 19/1.78	38.5	4479
4x120+1x35	30/2.32, 19/1.53	40.5	5407
4x120+1x70	30/2.32, 19/2.14	44.3	5791
4x150+1x50	36/2.32, 19/1.78	44.3	6642
4x150+1x70	36/2.32, 19/2.14	46.4	6892
4x185+1x50	45/2.32, 19/1.78	47.7	7999
4x185+1x95	45/2.32, 19/2.52	52.5	8546
4x240+1x70	60/2.26, 19/2.14	54.4	10325
4x240+1x120	60/2.26, 37/2.03	58.7	10911
4x300+1x95	61/2.52, 19/2.52	61.0	13042
4x300+1x150	61/2.52, 37/2.25	65.3	13575

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



四芯 Four-Core

ROYAL HORSE 0.6/1KV N×NN SQMM XLPE/SWA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS5467
- 型號: YJV₃₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 聚氯乙烯護帶
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS5467
- Model: YJV₃₂
- Shaped stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel wire armored
- Flame retardant PVC sheathed overall

應用

- 地底電纜
- 能承受機械外力和相當的拉力

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
120	37/2.03	25.5	1555	0.153
150	37/2.25	27.3	1959	0.124
185	37/2.52	30.1	2403	0.0991
240	61/2.25	32.8	3012	0.0754
300	61/2.52	36.4	3762	0.0601
400	91/2.36	39.9	4739	0.0470
500	91/2.65	45.5	6045	0.0366
630	127/2.52	49.2	7393	0.0283
800	127/2.85	54.8	9355	0.0221
1000	127/3.20	60.5	11610	0.0176

*使用非磁性金屬線鎧裝 Use Aluminum Armour wire.

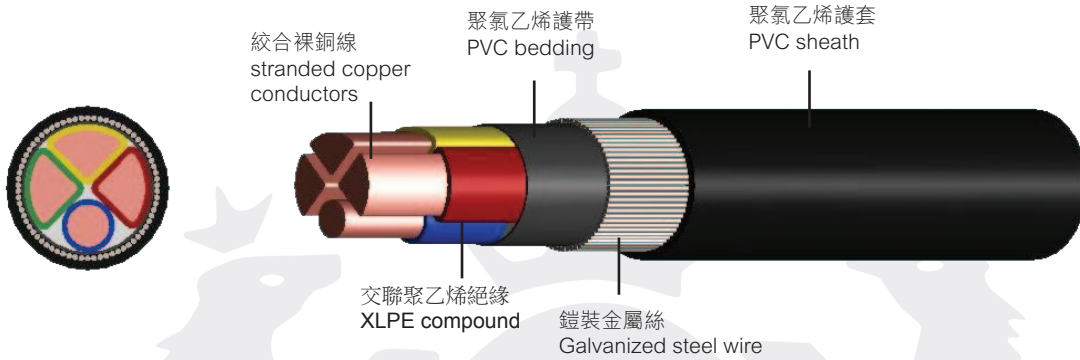
交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)

兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大 電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	12.5	13.0	13.8	311	336	379	12.10
2.5	1/1.78	13.5	14.1	14.9	361	398	455	7.41
4.0	7/0.85	16.1	16.3	18.1	547	576	713	4.61
6.0	7/1.04	17.4	17.8	19.7	649	704	867	3.08
10	7/1.35	18.8	20.6	22.5	826	2265	961	1.83
16	7/1.70	21.8	22.8	25.1	2362	1240	1526	1.15
25	10/1.83	20.1	23.3	25.5	1063	1530	1875	0.727
35	14/1.83	21.7	25.1	28.0	1310	1905	2380	0.524
50	19/1.83	24.8	27.5	31.1	1813	2404	3030	0.387
70	27/1.83	26.7	31.9	36.2	2282	3189	4233	0.268
95	37/1.83	30.4	35.6	40.3	2934	4255	5454	0.193
120	30/2.32	34.1	39.2	44.8	3803	5234	6784	0.153
150	37/2.32	37.4	42.5	50.0	4495	6162	8639	0.124
185	37/2.52	40.5	47.5	55.3	5330	7769	10029	0.0991
240	48/2.52	46.5	52.9	63.1	7101	9746	12893	0.0754
300	61/2.52	50.2	58.7	68.4	8513	11811	15656	0.0601
400	61/2.95	55.8	67.1	77.2	10966	16005	21053	0.0470

圓形導體 ≤ 16mm²; 扇形導體 ≥ 25mm²
Circular conductor ≤ 16mm²; Shaped conductor ≥ 25mm²

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² XLPE/SWA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₃₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₃₂
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+1芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	15.1	434
3x2.5+1x1.5	1/1.76, 1/1.38	16.3	546
3x4.0+1x2.5	7/0.85, 7/0.67	18.1	691
3x6.0+1x4.0	7/1.04, 7/0.85	19.4	788
3x10+1x6.0	7/1.35, 7/1.04	22.3	1182
3x16+1x6.0	7/1.70, 7/1.04	24.1	1461
3x16+1x10	7/1.70, 7/1.35	24.7	1535
3x25+1x10	7/2.14, 7/1.35	27.5	1970
3x25+1x16	7/2.14, 7/1.70	28.3	2083
3x35+1x10	19/1.53, 7/1.35	30.0	2420
3x35+1x16	19/1.53, 7/1.70	30.6	2505

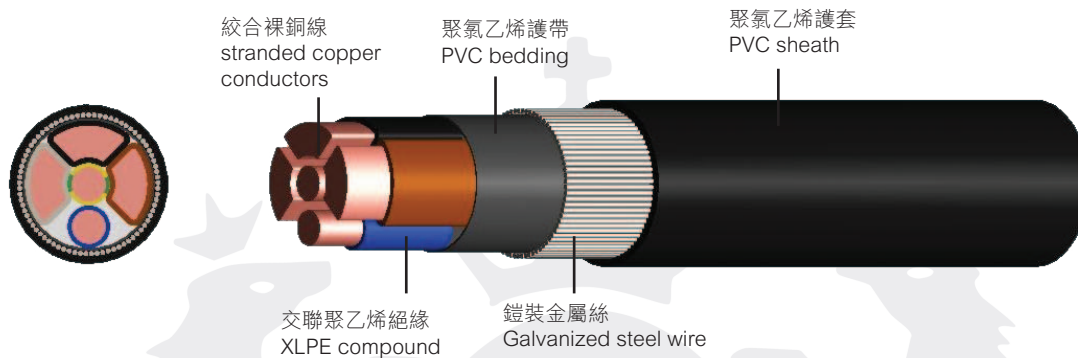


交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	25.3	1703
3x25+1x16	10/1.83, 7/1.70	25.5	1778
3x35+1x10	14/1.83, 7/1.35	27.6	2088
3x35+1x16	14/1.83, 7/1.70	27.9	2167
3x50+1x16	19/1.83, 7/1.70	30.7	2672
3x50+1x25	19/1.83, 7/2.14	31.0	2786
3x70+1x25	27/1.83, 7/2.14	35.6	3757
3x70+1x35	27/1.83, 19/1.53	35.9	3856
3x95+1x35	37/1.83, 19/1.53	39.7	4793
3x95+1x50	37/1.83, 19/1.78	40.0	4931
3x120+1x50	30/2.32, 19/1.78	45.7	6303
3x120+1x70	30/2.32, 19/2.14	45.9	6657
3x150+1x50	37/2.32, 19/1.78	49.8	7641
3x150+1x70	37/2.32, 19/2.14	50.1	7847
3x185+1x50	37/2.52, 19/1.78	54.6	8848
3x185+1x95	37/2.52, 19/2.52	55.1	9357
3x240+1x70	48/2.52, 19/2.14	61.1	11506
3x240+1x120	48/2.52, 37/2.03	61.8	12036
3x300+1x95	61/2.52, 19/2.52	66.5	13901
3x300+1x150	61/2.52, 37/2.25	67.0	14426
3x400+1x120	61/2.95, 37/2.03	75.0	18485
3x400+1x185	61/2.95, 37/2.52	75.5	19132

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² XLPE/SWA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₃₂
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₃₂
- Shaped and circular stranded copper conductors
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

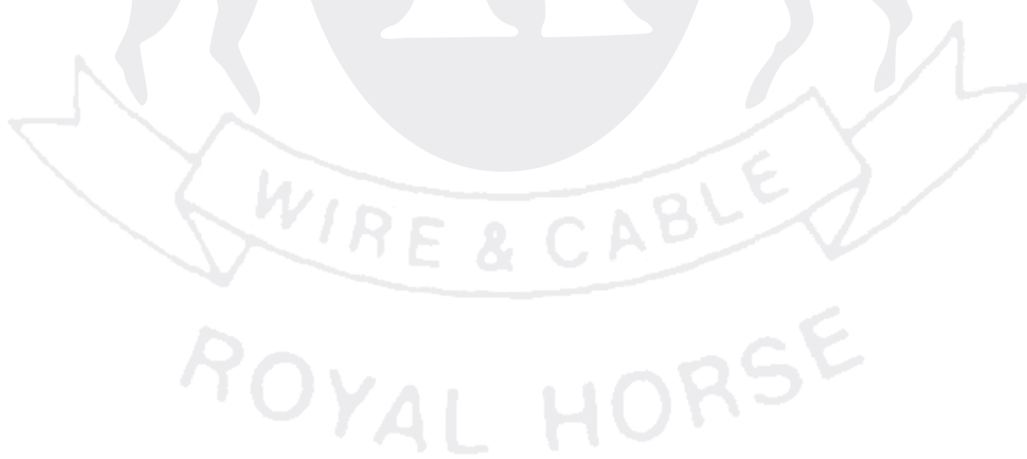
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	16.3	522
3x2.5+2x1.5	1/1.76, 1/1.38	17.1	595
3x4.0+2x2.5	7/0.85, 7/0.67	19.1	754
3x6.0+2x4.0	7/1.04, 7/0.85	20.6	913
3x10+2x6.0	7/1.35, 7/1.04	23.5	1318
3x16+2x6.0	7/1.70, 7/1.04	25.1	1575
3x16+2x10	7/1.70, 7/1.35	26.2	1717
3x25+2x10	7/2.14, 7/1.35	28.8	2149
3x25+2x16	7/2.14, 7/1.70	29.9	2324
3x35+2x10	19/1.53, 7/1.35	30.9	2553
3x35+2x16	19/1.53, 7/1.70	32.2	2751



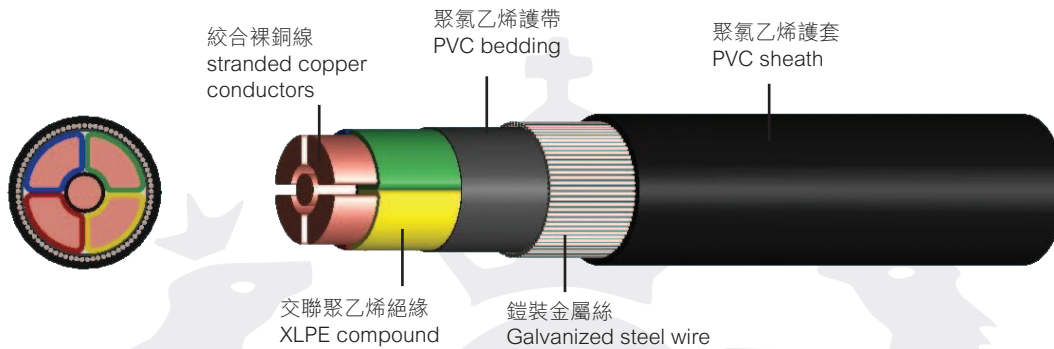
交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	31.5	2914
3x50+2x25	19/1.83, 7/2.14	32.7	3115
3x70+2x25	27/1.83, 7/2.14	36.0	4086
3x70+2x35	27/1.83, 19/1.53	37.3	4313
3x95+2x35	37/1.83, 19/1.53	40.2	5241
3x95+2x50	37/1.83, 19/1.78	41.2	5506
3x120+2x35	30/2.32, 19/1.53	43.5	6171
3x120+2x70	30/2.32, 19/2.14	47.9	7338
3x150+2x50	37/2.32, 19/1.78	48.4	7822
3x150+2x70	37/2.32, 19/2.14	50.0	8273
3x185+2x50	37/2.52, 19/1.78	51.6	8871
3x185+2x95	37/2.52, 19/2.52	56.0	10545
3x240+2x70	48/2.52, 19/2.14	58.8	11970
3x240+2x120	48/2.52, 37/2.03	61.7	13066
3x300+2x95	61/2.52, 19/2.52	65.4	14702
3x300+2x150	61/2.52, 37/2.25	68.4	15748

ROYAL HORSE

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² XLPE/SWAPVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₃₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₃₂
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (4+1芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

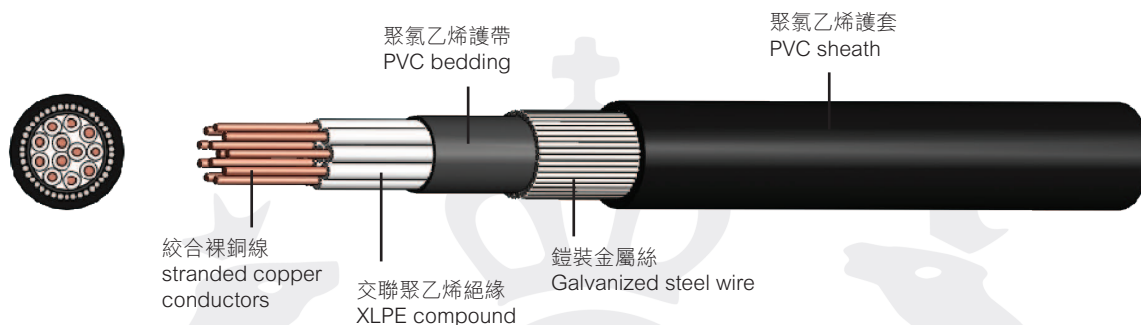
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	16.3	526
4x2.5+1x1.5	1/1.78, 1/1.38	17.3	609
4x4.0+1x2.5	7/0.85, 7/0.67	19.5	789
4x6.0+1x4.0	7/1.04, 7/0.85	20.8	951
4x10+1x6.0	7/1.35, 7/1.04	24.0	1394
4x16+1x6.0	7/1.70, 7/1.04	26.2	1745
4x16+1x10	7/1.70, 7/1.35	26.9	1829
4x25+1x10	7/2.14, 7/1.35	30.2	2387
4x25+1x16	7/2.14, 7/1.70	30.7	2477
4x35+1x10	19/1.53, 7/1.35	34.2	3166
4x35+1x16	19/1.53, 7/1.70	34.7	3266

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (4+1芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (4+1 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	30.3	3185
4x50+1x25	19/1.83, 7/2.14	35.2	3694
4x70+1x25	27/1.83, 7/2.14	37.7	4631
4x70+1x35	27/1.83, 19/1.53	39.0	4793
4x95+1x35	37/1.83, 19/1.53	42.9	5975
4x95+1x50	37/1.83, 19/1.78	44.5	6072
4x120+1x35	30/2.32, 19/1.53	47.5	7593
4x120+1x70	30/2.32, 19/2.14	51.3	8166
4x150+1x50	36/2.32, 19/1.78	51.3	9017
4x150+1x70	36/2.32, 19/2.14	53.4	9364
4x185+1x50	45/2.32, 19/1.78	54.9	10586
4x185+1x95	45/2.32, 19/2.52	60.2	11830
4x240+1x70	60/2.26, 19/2.14	63.4	13972
4x240+1x120	60/2.26, 37/2.03	68.7	15404
4x300+1x95	61/2.52, 19/2.52	71.2	17748
4x300+1x150	61/2.52, 37/2.25	75.3	18622

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (多芯) XLPE INSULATED, STEEL WIRE ARMoured, PVC SHEATHED POWER CABLES (MULTI-CORE)



ROYAL HORSE 0.6/1KV N×NN SQMM XLPE/SWA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502、BS5467
- 型號: YJV₃₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃聚氯乙烯內墊層
- 鎧裝金屬絲
- 阻燃聚氯乙烯護套

應用

- 固定敷設在隧道、管道、電纜溝等場合
- 適用於電源電路控制、電站、地下隧道、儀錶儀器、報警系統等
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502, BS5467
- Model: YJV₃₂
- Shaped stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

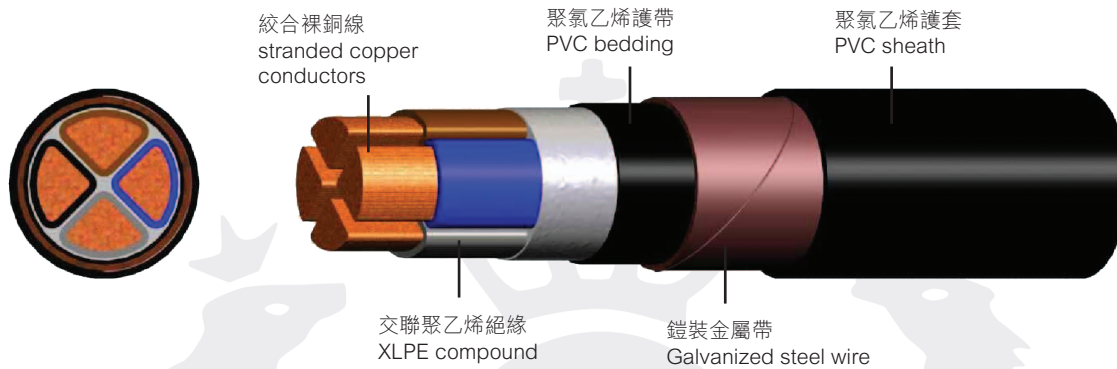
APPLICATION

- For underground installation in transport and power distribution
- For power control circuits, power stations, underground tunnels, instrumentation, alarm systems
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套電力電纜 (多芯)
XLPE INSULATED, STEEL WIRE ARMoured, PVC
SHEATHED POWER CABLES (MULTI-CORE)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistanece (Ω/km) 20°C Max
1.5 x 5	1/1.38	15.2	458	12.1
1.5 x 5	7/0.52	15.7	478	12.1
1.5 x 7	1/1.38	16.0	506	12.1
1.5 x 7	7/0.52	16.6	544	12.1
1.5 x 12	1/1.38	19.6	776	12.1
1.5 x 12	7/0.52	20.5	821	12.1
1.5 x 19	1/1.38	22.0	991	12.1
1.5 x 19	7/0.52	23.0	1041	12.1
1.5 x 27	1/1.38	26.0	1427	12.1
1.5 x 27	7/0.52	27.3	1506	12.1
1.5 x 37	1/1.38	28.4	1705	12.1
1.5 x 37	7/0.52	30.0	1828	12.1
1.5 x 48	1/1.38	32.0	2089	12.1
1.5 x 48	7/0.52	33.7	2206	12.1
2.5 x 5	1/1.78	16.6	543	7.41
2.5 x 5	7/0.67	17.3	571	7.41
2.5 x 7	1/1.78	17.6	678	7.41
2.5 x 7	7/0.67	18.2	707	7.41
2.5 x 12	1/1.78	21.3	961	7.41
2.5 x 12	7/0.67	22.1	1004	7.41
2.5 x 19	1/1.78	24.8	1402	7.41
2.5 x 19	7/0.67	25.8	1472	7.41
2.5 x 27	1/1.78	28.5	1800	7.41
2.5 x 27	7/0.67	29.9	1915	7.41
2.5 x 37	1/1.78	31.6	2226	7.41
2.5 x 37	7/0.67	33.0	2341	7.41

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



四芯 Four-Core

ROYAL HORSE 0.6/1KV N×NN SQMM XLPE/STA/PVC CABLE IEC 60502-1 KEMA-KEUR

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₂₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 聚氯乙烯護帶
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₂₂
- Shaped stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

應用

- 地底電纜
- 能承受機械外力和相當的壓力

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
10	7/1.35	14.1	313	1.83
16	7/1.70	15.1	390	1.15
25	7/2.14	16.9	522	0.727
35	19/1.52	18.1	638	0.524
50	19/1.78	19.7	793	0.387
70	19/2.14	21.5	1030	0.268
95	19/2.52	23.8	1337	0.193
120	37/2.03	25.4	1606	0.153
150	37/2.25	27.6	1929	0.124
185	37/2.52	30.1	2357	0.0991
240	61/2.25	33.3	2992	0.0754
300	61/2.52	36.3	3644	0.0601
400	91/2.36	40.2	4660	0.0470
500	91/2.65	44.4	5794	0.0366
630	127/2.52	48.2	7126	0.0283
800	127/2.85	52.9	8926	0.0221
1000	127/3.20	57.4	10758	0.0176

*使用非磁性金屬帶鎧裝 Use Aluminum Armour tape.

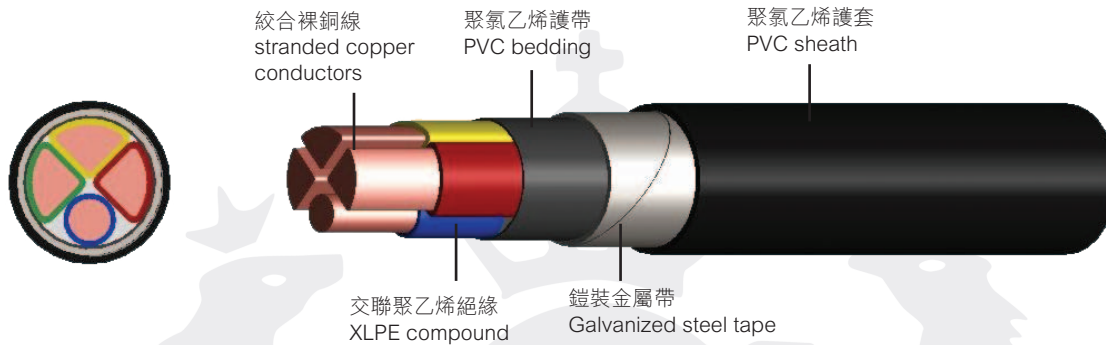
交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (1-4芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (1-4 CORES)

兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	1/1.38	13.0	13.5	14.2	259	286	321	12.10
2.5	1/1.78	13.8	14.3	15.2	302	337	386	7.41
4.0	7/0.85	16.2	16.9	18.1	415	469	546	4.61
6.0	7/1.04	17.2	18.0	19.3	487	560	662	3.08
10	7/1.35	19.2	20.1	21.7	639	752	902	1.83
16	7/1.70	21.0	22.3	24.1	812	997	1212	1.15
25	10/1.83	18.5	20.9	23.1	817	1120	1416	0.727
35	14/1.8	21.2	24.0	26.7	1081	1493	1906	0.524
50	19/1.83	23.9	27.2	30.3	1409	1964	2527	0.387
70	27/1.83	26.2	30.6	34.3	1840	2619	3400	0.268
95	37/1.83	29.9	34.6	40.8	2428	3477	4952	0.193
120	30/2.32	32.1	38.9	44.1	2980	4688	6064	0.153
150	37/2.32	36.6	42.3	48.2	3965	5619	7281	0.124
185	37/2.52	39.7	46.0	52.8	4725	6726	8767	0.0991
240	48/2.52	45.1	52.6	60.3	6054	8650	11249	0.0754
300	61/2.52	49.1	57.9	66.2	7406	10651	13907	0.0601
400	61/2.95	54.7	65.0	73.6	9709	14068	18365	0.0470

圓形導體 ≤ 16mm²; 扇形導體 ≥ 25mm²
Circular conductor ≤ 16mm²; Shaped conductor ≥ 25mm²

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 1xNN mm² XLPE/STA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₂₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₂₂
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel tape armored
- Flame retardant PVC sheathed overall

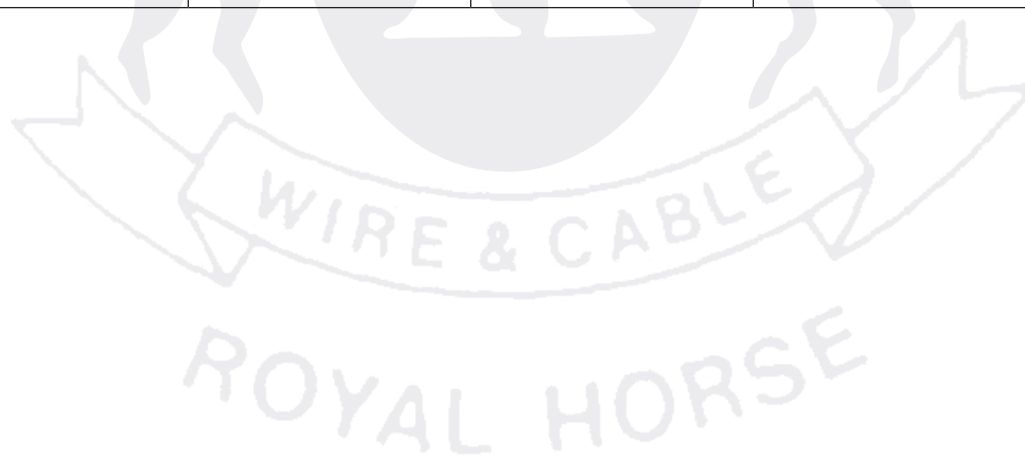
APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+1芯)
XLPE INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+1x1.0	1/1.38, 1/1.13	13.9	306
3x2.5+1x1.5	1/1.76, 1/1.38	14.7	363
3x4.0+1x2.5	7/0.85, 7/0.67	16.5	474
3x6.0+1x4.0	7/1.04, 7/0.85	17.8	554
3x10+1x6.0	7/1.35, 7/1.04	19.9	788
3x16+1x6.0	7/1.70, 7/1.04	21.7	1015
3x16+1x10	7/1.70, 7/1.35	22.3	1075
3x25+1x10	7/2.14, 7/1.35	25.1	1446
3x25+1x16	7/2.14, 7/1.70	25.7	1524
3x35+1x10	19/1.53, 7/1.35	27.4	1804
3x35+1x16	19/1.53, 7/1.70	28.2	1896

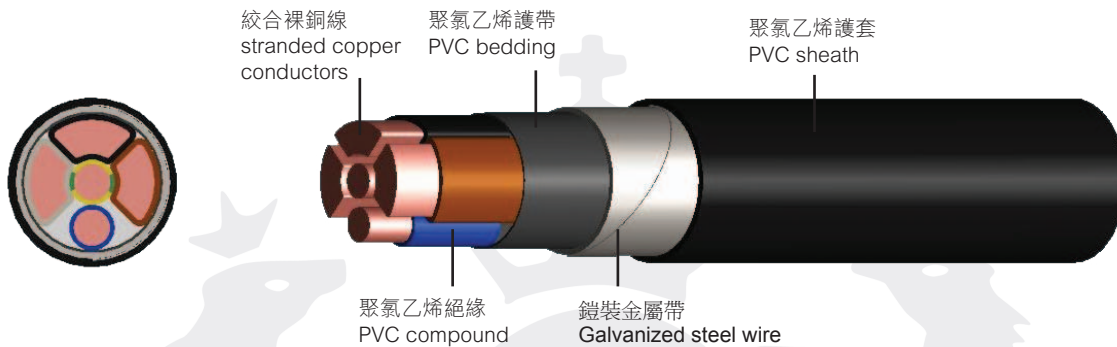


交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+1芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+1 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x25+1x10	10/1.83, 7/1.35	22.2	1251
3x25+1x16	10/1.83, 7/1.70	22.3	1309
3x35+1x10	14/1.83, 7/1.35	24.2	1576
3x35+1x16	14/1.83, 7/1.70	24.5	1640
3x50+1x16	19/1.83, 7/1.70	27.3	2096
3x50+1x25	19/1.83, 7/2.14	27.6	2194
3x70+1x25	27/1.83, 7/2.14	31.4	2863
3x70+1x35	27/1.83, 19/1.53	31.7	2962
3x95+1x35	37/1.83, 19/1.53	36.7	4136
3x95+1x50	37/1.83, 19/1.78	37.0	4276
3x120+1x50	30/2.32, 19/1.78	40.7	5177
3x120+1x70	30/2.32, 19/2.14	40.7	5370
3x150+1x50	37/2.32, 19/1.78	44.0	6077
3x150+1x70	37/2.32, 19/2.14	44.3	6288
3x185+1x50	37/2.52, 19/1.78	48.8	7230
3x185+1x95	37/2.52, 19/2.52	49.5	7725
3x240+1x70	48/2.52, 19/2.14	55.7	9324
3x240+1x120	48/2.52, 37/2.03	56.2	9841
3x300+1x95	61/2.52, 19/2.52	60.9	11544
3x300+1x150	61/2.52, 37/2.25	61.4	12077
3x400+1x120	61/2.95, 37/2.03	68.4	15229
3x400+1x185	61/2.95, 37/2.52	68.9	15884

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+2芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (3+2 CORES)



ROYAL HORSE 0.6/1KV 3xNN mm² + 2xNN mm² XLPE/STA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₂₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₂₂
- Shaped stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x1.5+2x1.0	1/1.38, 1/1.13	14.7	340
3x2.5+2x1.5	1/1.76, 1/1.38	15.5	402
3x4.0+2x2.5	7/0.85, 7/0.67	17.5	526
3x6.0+2x4.0	7/1.04, 7/0.85	19.0	657
3x10+2x6.0	7/1.35, 7/1.04	21.1	879
3x16+2x6.0	7/1.70, 7/1.04	22.7	1098
3x16+2x10	7/1.70, 7/1.35	23.8	1214
3x25+2x10	7/2.14, 7/1.35	26.2	1585
3x25+2x16	7/2.14, 7/1.70	27.3	1732
3x35+2x10	19/1.53, 7/1.35	28.5	1951
3x35+2x16	19/1.53, 7/1.70	29.6	2101



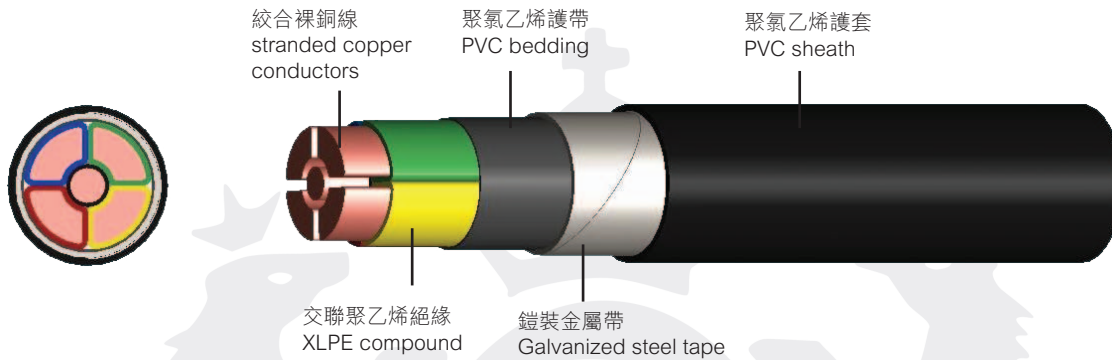
交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (3+2芯)
XLPE INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (3+2 CORES)

扇型+圓型 Sector and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
3x50+2x16	19/1.83, 7/1.70	28.9	2276
3x50+2x25	19/1.83, 7/2.14	30.3	2467
3x70+2x25	27/1.83, 7/2.14	32.8	3150
3x70+2x35	27/1.83, 19/1.53	33.9	3309
3x95+2x35	37/1.83, 19/1.53	38.0	4525
3x95+2x50	37/1.83, 19/1.78	39.0	4784
3x120+2x35	30/2.32, 19/1.53	41.3	5405
3x120+2x70	30/2.32, 19/2.14	44.7	6094
3x150+2x50	37/2.32, 19/1.78	45.2	6582
3x150+2x70	37/2.32, 19/2.14	46.8	6969
3x185+2x50	37/2.52, 19/1.78	48.4	7694
3x185+2x95	37/2.52, 19/2.52	51.6	8607
3x240+2x70	48/2.52, 19/2.14	54.4	9939
3x240+2x120	48/2.52, 37/2.03	57.2	10904
3x300+2x95	61/2.52, 19/2.52	61.0	12482
3x300+2x150	61/2.52, 37/2.25	64.2	13489

ROYAL HORSE

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, STEEL TAPE ARMURED, PVC SHEATHED POWER CABLES (4+1 CORES)



ROYAL HORSE 0.6/1KV 4xNN mm² + 1xNN mm² XLPE/STA/PVC CABLE GB/T12706 IEC60502-1

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: GB/T12706、IEC60502
- 型號: YJV₂₂
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃無紡布/聚氯乙烯內墊層
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 適用於固定敷設的輸配電系統，隧道及管道等場合
- 能承受機械外力和相當的壓力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: GB/T12706, IEC60502
- Model: YJV₂₂
- Shaped and circular stranded copper conductors
- Insulated with cross-link polyethylene compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For fixed installation of the transmission and distribution systems, tunnels and pipelines and other occasions
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯)
XLPE INSULATED, STEEL TAPE ARMoured, PVC
SHEATHED POWER CABLES (4+1 CORES)

圓芯 Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x1.5+1x1.0	1/1.38, 1/1.13	14.7	344
4x2.5+1x1.5	1/1.78, 1/1.38	15.7	416
4x4.0+1x2.5	7/0.85, 7/0.67	17.9	556
4x6.0+1x4.0	7/1.04, 7/0.85	19.2	687
4x10+1x6.0	7/1.35, 7/1.04	21.6	944
4x16+1x6.0	7/1.70, 7/1.04	23.8	1242
4x16+1x10	7/1.70, 7/1.35	24.3	1300
4x25+1x10	7/2.14, 7/1.35	27.6	1782
4x25+1x16	7/2.14, 7/1.70	28.3	1868
4x35+1x10	19/1.53, 7/1.35	30.6	2267
4x35+1x16	19/1.53, 7/1.70	31.3	2356

交聯聚乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套電力電纜 (4+1芯) XLPE INSULATED, STEEL TAPE ARMoured, PVC SHEATHED POWER CABLES (4+1 CORES)

瓦型+圓型 Arc and Circular Conductor

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
4x50+1x16	19/1.83, 7/1.70	27.7	2598
4x50+1x25	19/1.83, 7/2.14	31.8	2792
4x70+1x25	27/1.83, 7/2.14	34.3	3639
4x70+1x35	27/1.83, 19/1.53	35.6	3760
4x95+1x35	37/1.83, 19/1.53	40.7	5269
4x95+1x50	37/1.83, 19/1.78	42.5	5365
4x120+1x35	30/2.32, 19/1.53	44.3	6421
4x120+1x70	30/2.32, 19/2.14	48.1	6900
4x150+1x50	36/2.32, 19/1.78	48.1	7750
4x150+1x70	36/2.32, 19/2.14	50.2	8049
4x185+1x50	45/2.32, 19/1.78	51.7	9214
4x185+1x95	45/2.32, 19/2.52	56.0	9845
4x240+1x70	60/2.26, 19/2.14	59.2	11850
4x240+1x120	60/2.26, 37/2.03	63.3	12540
4x300+1x95	61/2.52, 19/2.52	65.8	14765
4x300+1x150	61/2.52, 37/2.25	69.9	15472

防火性能電纜

FIRE PERFORMANCE CABLE



防火測試 FIRE RESISTANT TESTS**IEC60331****著火條件下電纜的試驗 電路完整性****Tests for electric cables under fire conditions –
Circuit integrity**

此測試進行了在著火時電路完整確認。一段電纜樣本會水平放在約750° C的火焰帶上。一段持續時間最少90分鐘的電壓會通過電纜測試有沒有斷裂或發生短路在電纜樣本上。

IEC 60331-11 儀器 — 火焰溫度至少750°C條件下的單獨燃燒

IEC 60331-23 程式和要求 電數據電纜

IEC 60331-21 程式和要求 額定電壓0.6/1.0kV及以下的電纜

This test is carried out to verify circuit integrity even during a fire. A sample of cable is held horizontally over a ribbon flame at about 750 °C. A test voltage is applied continuously for a period of minimum 90 minutes to the cable and no break or short circuit should occur in the cable.

IEC 60331-11 Apparatus – Fire alone at a flame temperature of at least 750 °C

IEC 60331-23 Electric data cables

IEC 60331-21 Cables of rated voltage up to and including 0.6/1.0 kV

防火測試 FIRE RESISTANT TESTS**BS6387**

在著火狀態下能保證電路工作的電纜的性能要求規範
Maintain circuit integrity under fire conditions

居民，業主和建築物的監管部門，現在比以往有更加嚴格的安全規定保護。所有電氣裝置 - 特別是火災報警系統，消防噴頭，煙霧探測器和提取設備，應急照明和疏散系統 - 所有都是以防止危害居民和損壞建築物和設備。

安全救援系統背後的接線被證實是重要因素，在防止火災蔓延，停止斷絕出口點的煙，並讓安全救援系統運作正常。如果佈線受到影響，安全系統本身將沒法提供正常運作。

嚴格的測試，包括IEC60331和BS6387 - 以確保這些電纜是耐火。

耐火

A類 - 電纜在650℃著火為3小時

B類 - 電纜在750℃著火為3小時

C類 - 電纜在950℃著火為3小時

S類 - 電纜在950℃著火為20分鐘(短時間)

耐火加噴水

W類 - 電纜在650℃著火為15分鐘，然後在650°℃下噴水15分鐘。

耐火加噴水加機械衝擊

X類 - 電纜在650℃著火加機械衝擊為15分鐘

Y類 - 電纜在750℃著火加機械衝擊為15分鐘

Z類 - 電纜在950℃著火加機械衝擊為15分鐘

在測試過程中，電纜被安裝在面板上燃燒，一條鐵桿會每30秒直至15分鐘打到面板上，而保險絲應該沒有破裂，也沒有任何燈熄滅。

Residents, owners and regulatory authorities of buildings are now, more than ever, protected by stringent safety requirements. Electrical installations – particularly fire alarm systems, sprinklers, smoke detection and extraction equipment, emergency lighting and evacuation systems – all merge to prevent harm to people and damage to buildings and equipment.

The wiring behind the systems prove to be an important factor in preventing fires from spreading, and stopping smoke from choking off exit points and allowing a safe rescue. If the wiring is adversely affected, the systems themselves will have no power to provide their own critical functions.

Stringent tests – including IEC 60331 and BS 6387 – are performed to ensure that such cables are fire-resistant.

Resistance to fire alone

Category A - Cables are under fire at 650°C for 3 hours

Category B - Cables are under fire at 750°C for 3 hours

Category C - Cables are under fire at 950°C for 3 hours

Category S - Cables are under fire at 950°C for 20 min (short duration)

Resistance to fire with water

Category W - Cables are under fire at 650°C for 15 minutes, then at 650°C with water spray for a further 15 minutes.

Resistance to fire with mechanical shock

Category X - Cables are under fire at 650°C with mechanical shock for 15 minutes.

Category Y - Cables are under fire at 750°C with mechanical shock for 15 minutes.

Category Z - Cables are under fire at 950°C with mechanical shock for 15 minutes.

During the test, the cable is mounted on a panel and is shocked with a steel bar at 30 second intervals for 15 minutes while exposed to flame and no fuse shall be ruptured nor any lamp extinguished.

火焰蔓延的測試 FLAME PROPAGATION TESTS**IEC60332****在火焰條件下電纜的測試
Tests on electric cables under fire conditions****Part 1 : 火焰傳播測試(單根電纜)****Part 3 : 火焰傳播測試(成束電纜)**

電纜組成一項複雜基體，在每幢建築物，穿越牆壁和天花板，以建立一個網絡電能。不幸的是，這些電纜還充當火源及，所以電纜必須是不易燃和可以自然熄滅。這可以通過利用材料含有氫氧化鋁。在發生火災時，材料會釋放水結晶，並在同一時間產生的水蒸汽，停止氧氣的進入和使火焰熄滅。

IEC60332-3 建立一個真實的火災情況，並提供評核可燃物質的不同密度的成束電纜的阻燃方法。

這火焰測試評估一束電纜火災的無擴展性。3個測試類別測試在電纜束中的可燃物質的不同數量。

IEC 60332-3-22 - 每個最小長度的3.5米的試樣，需提供總體積7升非金屬材料的試樣的數量，應成束電纜捆綁在梯上燃燒40分鐘火焰。

IEC 60332-3-23 - 每個最小長度的3.5米的試樣，需提供總體積3.5升非金屬材料的試樣的數量，應成束電纜捆綁在梯上燃燒40分鐘火焰。

IEC 60332-3-24 - 每個最小長度的3.5米的試樣，需提供總體積1.5升非金屬材料的試樣的數量，應成束電纜捆綁在梯上燃燒40分鐘火焰。

為了有每米足夠數量的安裝電纜可燃材料，試驗樣品由多條3.5米長電纜組成。電纜被安裝在一個金屬櫃，受到指定的時間內由水平的火焰燃燒。這些電纜不應燃燒超過2.5米從燃燒器底部。

Part 1 : Tests on a single vertical insulated wire or cable

Part 3 : Tests on bunched wires and cables under fire condition.

Cables form a complex matrix in every building, traversing walls and ceilings to create a web of electrical power. Unfortunately, these cables also act as conduits for fire and heat, so cables must be fashioned of inflammable and self-extinguishing components. This can be achieved by utilizing a protective material containing aluminium hydroxide. In the event of fire, the material releases water crystals, and at the same time produces water vapor, which stops the entrance of oxygen and snuffs out the flame.

The IEC 60332-3 specification creates a realistic fire situation, and specifies methods for assessing the flame retardance of bunched cables with varying densities of combustible material.

This flame test evaluates the non propagation of fire of a bunch of cables.

3 test categories to test different amount of combustible material contained in a bundle of cable.

- IEC 60332-3-22 - The number of test pieces with each minimum length of 3.5m required to provide a total volume of 7 litres of non-metallic material shall be bunched on a ladder exposed to flame for 40 minutes.
- IEC 60332-3-23 - The number of test pieces required to provide a total volume of 3.5 litres of non-metallic material shall be bunched on a ladder and exposed to flame for 40 minutes.
- IEC 60332-3-24 - The number of test pieces required to provide a total volume of 1.5 litres of non-metallic material shall be bunched on a ladder and exposed to flame for 20 minutes.

The test samples comprise a number of pieces of cable each 3.5 m long, in order to have the required quantity of combustible material per metre of mounted cables. The cables are installed in a metal cabinet, and are subjected to burning by a horizontal flame for a specified time. The cables must not burn for more than 2.5 m from the bottom of the burner.

鹵素酸氣含量測試 ACID GAS EMISSION TESTS

IEC60754

電纜燃燒放出的氣體的試驗

Test on gases evolved during combustion of electric cables

PVC或含氯材料在燃燒時，能產生腐蝕性鹵素氣體。鹽酸氣體與水結合在一起在眼睛，口腔，咽喉，鼻子和肺部會產生鹽酸，導致人會喪失方向感和協調。這反過來又可以導致感覺恐慌和無法離開大廈，從而增加潛在吸入一氧化碳和氧氣耗盡死亡。

在火災情況下額外的危險存在著。氯，溴，氟和建築材料，可以結合在火災附近的所有金屬材料。從而導致高程度腐蝕會損壞計算機和辦公設備的。可以腐蝕樓宇金屬結構，導致整幢樓宇有須要拆卸。

這個測試可估計電纜燃燒時對金屬腐蝕性程度。非金屬材料樣品被燃燒在管狀爐內時，釋放出的氣體會收集到洗瓶內。於瓶子中的溶液的分析，使腐蝕性氣體的數量可以確定。腐蝕性可以通過檢查每克樣品的鹽酸演進數量，或通過測試溶液的pH值和電導率。

A fire can produce corrosive halogen gases, generated by burning PVC or chlorine containing material. HCl gas combines with the water in the eyes, mouth, throat, nose and lungs to form hydrochloric acid, which contributes to loss of co-ordination and orientation. This in turn can lead to a feeling of panic and inability to exit the building, thus increasing potential fatalities by inhalation of carbon monoxide and oxygen depletion.

Additional dangers exist in a fire situation. Chlorine, bromine or fluorine, found in building materials, can combine with the condensation on all metallic materials in the proximity of a fire thus resulting in high levels of corrosion which will damage computers and office machines. Structural ferrous metals can be so corroded that the building has to be demolished.

This test allows estimation of corrosiveness against metals of products released when cables burn. Sample of non-metallic materials are burned in a tubular oven and the gases evolved during combustion are collected into wash bottles. The analysis of the solution contained in the bottles allows the quantity of corrosive gases to be determined. Corrosivity can be checked either through the amount of HCl evolved per gram of sample, or through pH and conductivity of test solution.

測試 Test	需要達到值 Value Required
IEC 60754-1	酸性氣體 $\leq 0.5\%$ acid gas
IEC 60754-2	pH ≥ 4.3 電導率 conductivity $\leq 100 \mu S.cm^{-1}$

煙密度測試 SMOKE EMISSION TESTS**IEC61034**

在規定條件下燃燒的電纜的煙密度的測量
**Measurement of smoke density of electric cables
 burning under defined conditions**

煙霧阻礙了滅火工作，還會阻止市民從大廈安全疏散。抽煙設備雖然重要，但低煙產品可以阻止問題發生。傳統絕緣和護套材料如聚氯乙烯（PVC）在燃燒時會產生大量的煙霧，從而促進迷失方向和煙霧吸入性損傷。

電纜燃燒產生的煙霧密度的測量是非常重要的，因為它關係到疏散市民和無障礙火災撲救。

3m³的立方體測量 (又稱IEC61034標準)燃燒中通著電的電纜產生的煙霧。從內部封閉的立方體一側投射一條光束，光束穿過立方體後照向另一側視窗上連接有記錄儀的照片電解槽上，記錄儀可以記錄根據透光情況記錄光傳輸從0%至100%的不透明度。測試時，在封閉體的中間放1米樣品並置於火中。記錄光傳輸的最小值，該結果表示光傳輸的透光百分比。如果該數值大於60%，則認為該樣品通過IEC 61034-2測試。

Smoke hinders fire-fighting efforts and prevents safe evacuation from the building. Smoke extraction equipment helps, but low smoke products can stop the problem before it starts. Conventional insulation and sheathing materials such as polyvinyl chloride (PVC) can produce large volumes of smoke when burned, thus contributing to disorientation and smoke inhalation damage.

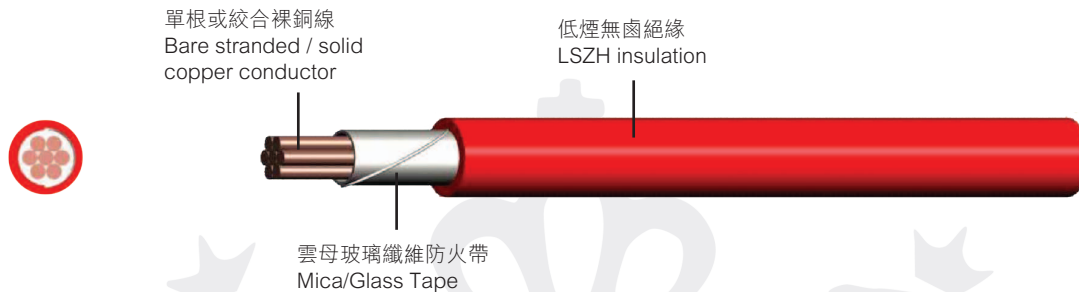
Measuring the density of smoke produced by burning cables is important as it is related to the evacuation of people and accessibility for fire fighting.

The “3 meter cube test” (also known as IEC 61034) measures the amount of smoke created by cables in the event of a fire. A one-meter length of cable is placed in a 3m³ enclosed space, and exposed to a beam of light through a clear window. This light travels across the enclosed space to a photocell connected to recording equipment in the window on the other end. A fire is then generated within the container and the minimum light transmission recorded. A minimum light transmission value greater than 60% is acceptable.

測試 Test	需要達到值 Value Required
IEC 61034	取決於電纜外徑 50 - 70% depending on cable diameter for light transmittance

防火電纜 (單枝單膠)

FIRE RESISTANT CABLES (SINGLE-CORE)



ROYAL HORSE 450/750V N.Nmm² H07Z1-R (TYPE 1) FR LSZH CABLE BS6387 CWZ IEC 60331 KEMA KEUR
Or
ROYAL HORSE 0.6/1KV N.Nmm² H07Z1-R (TYPE 1) FR LSZH CABLE BS6387 CWZ IEC 60331 KEMA KEUR

說明

- 工作溫度: 90 °C
- 額定電壓: 450/750V、600/1000V
- 標準: BS6387 (類別CWZ)
 - IEC60331、IEC60332-1
 - IEC60754、IEC61034、GB/T 19666、GB/T 5023、GA306.2
- 型號: H07Z1-R (TYPE 1)
- 導體使用絞合裸銅線
- 雲母玻璃纖維防火帶
- 低煙無鹵絕緣

應用

- 固定布線
- 重要安全電路, 可用於室內明敷、穿管等場合
- 所在區域需要關鍵電路的完整保持電源

DESCRIPTION

- Rated temperature: 90°C
- Rated voltage: 450/750V, 600/1000V
- Reference standard: BS6387 (category CWZ), IEC60331, IEC60332-1, IEC60754, IEC61034, GB/T 19666, GB/T 5023, GA306.2
- Model: H07Z1-R (TYPE 1)
- Bare stranded copper conductor
- Mineral ceramic (Mica/Glass) fire resistant tape
- LSZH insulation

APPLICATION

- For fixed wiring
- Essential safety circuits where the cable is protected by trunk or conduit
- For areas where the integrity of the electrical circuit is critical in maintaining power supply

防火電纜 (單枝單膠)**FIRE RESISTANT CABLES (SINGLE-CORE)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
1.5	7/0.52	3.8	28	0.010
2.5	7/0.67	4.5	42	0.009
4.0	7/0.85	5.0	58	0.0077
6.0	7/1.04	5.7	82	0.0065
10	7/1.35	7.0	130	0.0065
16	7/1.70	8.1	192	0.0050
25	7/2.14	9.8	293	0.0050
35	19/1.53	11.0	391	0.0040
50	19/1.78	12.7	525	0.0045
70	19/2.14	14.5	732	0.0035
95	19/2.52	16.8	1004	0.0035
120	37/2.03	18.4	1250	0.0032
150	37/2.25	20.3	1533	0.0032
185	37/2.52	22.6	1914	0.0032
240	61/2.25	25.6	2496	0.0032
300	61/2.52	28.4	3114	0.0030
400	91/2.36	32.1	4041	0.0028

截面1.5 — 10 mm² 額定電壓是450/750V.

Sizes 1.5 — 10mm² are rated at 450/750V.

低煙無鹵無護套電纜 (低煙無鹵 - 單枝單膠)

LSZH INSULATED NON-SHEATHED CABLES

(LSZH SINGLE-CORE)



ROYAL HORSE 300/500V N.Nmm² (H05Z1-U) LSZH CABLE IEC 60332 KEMA KEUR
or
ROYAL HORSE 450/750V N.Nmm² (H07Z1-R) LSZH CABLE IEC 60332 KEMA KEUR

說明

- 工作溫度: 90 °C
- 額定電壓: 300/500V、450/750V
- 標準: GB/T 19666、GB/T 5023.1、BS7211、DIN VDE 0282-9
- 型號: H05Z1-U、H07Z1-U、H07Z1-U
- 導體使用單根或絞合裸銅線
- 低煙無鹵絕緣

DESCRIPTION

- Rated temperature: 90°C
- Rated voltage: 300/500V, 450/750V
- Reference standard: GB/T 19666, GB/T 5023.1, BS7211, DIN VDE 0282-9
- Model: H05Z1-U, H07Z1-U, H07Z1-U
- Bare stranded or solid copper conductor
- LSZH insulation

應用

- 固定布線
- 可用於室內明敷、穿管等場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

APPLICATION

- For fixed wiring
- Can be placed into trunk and conduit
- For situations in which low emission of smoke and acid gases is required in the case of burning

低煙無鹵無護套電纜 (低煙無鹵 - 單枝單膠)
LSZH INSULATED NON-SHEATHED CABLES
(LSZH SINGLE-CORE)

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 90°C Min
(H05Z1-U) 300/500V				
0.5	1/0.8	2.1	9	0.015
0.75	1/0.98	2.5	13	0.012
1.0	1/1.13	2.6	16	0.011
(H07Z1-U or H07Z1-R) 450/750V				
1.5	1/1.38	2.9	21	0.011
1.5	7/0.52	3.0	22	0.010
2.5	1/1.78	3.5	33	0.010
2.5	7/0.67	3.6	35	0.009
4.0	1/2.25	4.0	49	0.0085
4.0	7/0.85	4.2	51	0.0077
6.0	1/2.76	4.6	69	0.0070
6.0	7/1.04	4.7	71	0.0065
10	7/1.35	6.1	119	0.0065
16	7/1.70	7.1	179	0.0050
25	7/2.14	8.8	279	0.0050
35	19/1.53	10.1	373	0.0040
50	19/1.78	11.7	506	0.0045
70	19/2.14	13.5	712	0.0035
95	19/2.52	15.8	983	0.0035
120	37/2.03	17.4	1223	0.0032
150	37/2.25	19.4	1507	0.0032
185	37/2.52	21.6	1884	0.0032
240	61/2.25	24.7	2464	0.0032
300	61/2.52	27.5	3080	0.0030
400	91/2.36	31.2	4000	0.0028

低煙無鹵絕緣單芯軟電纜 (低煙無鹵 - 控制引線) LSZH INSULATED NON-SHEATHED CABLES (LSZH CONTROL CABLE)



ROYAL HORSE 300/500V N.NNmm² (H05Z-K) LSZH CONTROL CABLE
or
ROYAL HORSE 450/750V N.NNmm² (H07Z-K) LSZH CONTROL CABLE

說明

- 工作溫度: 90 °C
- 額定電壓: 300/500V、450/750V
- 標準: GB/T19666 / GB/T5023、BS7211、DIN VDE 0282-9
- 型號: H05Z-K、H07Z-K
- 導體使用絞合裸銅線
- 低煙無鹵絕緣

DESCRIPTION

- Rated temperature: 90°C
- Rated voltage: 300/500V, 450/750V
- Reference standard: GB/T19666 / GB/T5023, BS7211, DIN VDE 0282-9
- Model: H05Z-K, H07Z-K
- Stranded copper conductor
- LSZH insulation

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟的場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

APPLICATION

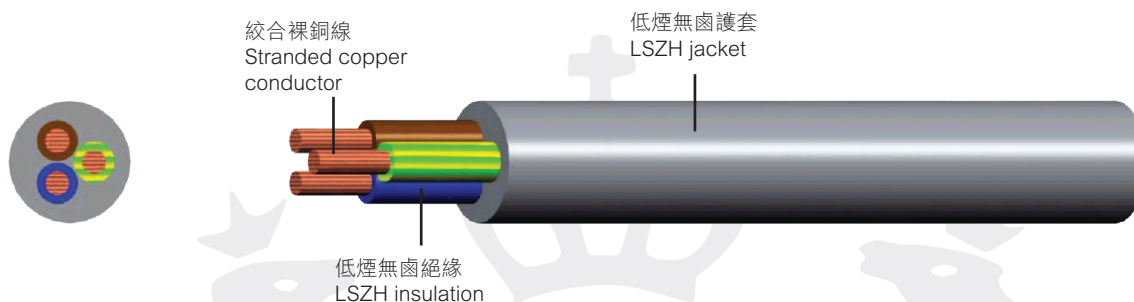
- For light or medium size home appliances, instrument & meters, and power-driven lighting
- For situations in which low emission of smoke and acid gases is required in the case of burning

低煙無鹵絕緣單芯軟電纜 (低煙無鹵 - 控制引線)**LSZH INSULATED NON-SHEATHED CABLES****(LSZH CONTROL CABLE)**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 90°C Min
(H05Z-K) 300/500V				
0.5	17/0.19	2.24	9.8	0.013
0.75	26/0.19	2.45	12.8	0.011
1.0	35/0.19	2.65	15.8	0.010
(H07Z-K) 450/750V				
1.5	30/0.25	3.32	25.1	0.010
2.5	50/0.25	3.80	35.2	0.009
4	56/0.3	4.40	52.0	0.007
6	84/0.3	5.30	76.6	0.006
10	80/0.4	6.50	123.2	0.0056
16	126/0.4	8.70	197.3	0.0046
25	196/0.4	10.40	296.7	0.0044
35	273/0.4	12.00	401.3	0.0038
50	392/0.4	14.00	560	0.0037
70	555/0.4	16.20	767	0.0032
95	755/0.4	18.10	1021	0.0032
120	953/0.4	19.80	1265	0.0029
150	1192/0.4	22.00	1584	0.0029
185	1470/0.4	24.70	1942	0.0029
240	1908/0.4	27.40	2494	0.0028

輕型或普通型低煙無鹵絕緣護套軟電線

LIGHT OR ORDINARY DUTY LSZH INSULATED LSZH SHEATHED FLEXIBLE CABLES



ROYAL HORSE 300/300V N x N.Nmm² (H03Z1Z1-F) LSZH CABLE HD 21.14 S1
 or
 ROYAL HORSE 300/500V N x N.Nmm² (H05Z1Z1-F) LSZH CABLE HD 21.14 S1

說明

- 工作溫度: 70°C
- 額定電壓: 300/300V、300/500V
- 標準: HD 21.14 S1
- 型號: H03Z1Z1-F/ H05Z1Z1-F
- 導體使用絞合裸銅線
- 阻燃低煙無鹵絕緣
- 阻燃低煙無鹵護套

應用

- 中輕型移動電器、儀器儀表、家用電器、動力照明等使用時要求柔軟的場合
- 用於煉油廠的能源網絡，高建築，商業中心，在那裡有火災危險

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V, 300/500V
- Reference standard: HD 21.14 S1
- Model: H03Z1Z1-F/ H05Z1Z1-F
- Stranded copper conductor
- Flame retardant color-coded LSZH insulation
- Flame retardant LSZH jacket

APPLICATION

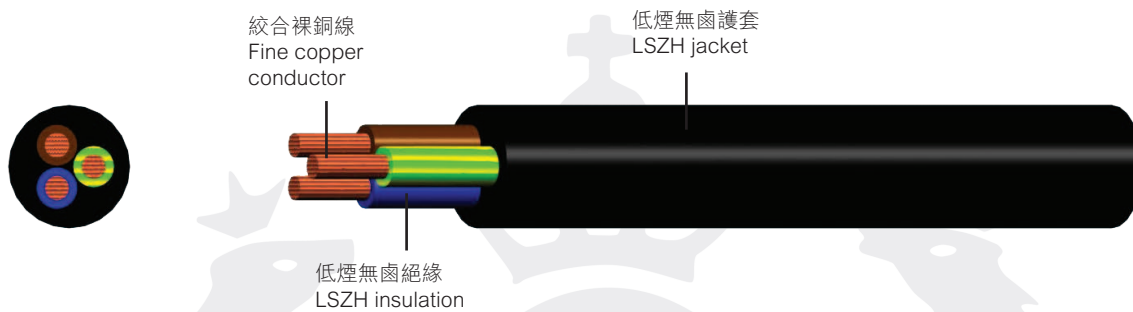
- For light or medium size home appliances, instrument & meters, and power-driven lighting
- Used in energy networks in refineries, high constructions, business centers where there is risk of fire

輕型或普通型低煙無鹵絕緣護套軟電線**LIGHT OR ORDINARY DUTY LSZH INSULATED LSZH SHEATHED FLEXIBLE CABLES**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
H03Z1Z1-F				
2 x 0.5	17/0.19	5.8	46	0.012
2 x 0.75	26/0.19	6.2	55	0.010
3 x 0.5	17/0.19	6.1	56	0.012
3 x 0.75	26/0.19	6.5	67	0.010
H05Z1Z1-F				
2 x 0.75	26/0.19	6.4	60	0.011
2 x 1.0	35/0.19	6.8	70	0.010
2 x 1.5	30/0.25	7.8	93	0.010
2 x 2.5	50/0.25	9.2	136	0.009
3 x 0.75	26/0.19	6.8	71	0.011
3 x 1.0	35/0.19	7.2	83	0.010
3 x 1.5	30/0.25	8.3	113	0.010
3 x 2.5	50/0.25	10.0	172	0.009
4 x 0.75	26/0.19	7.4	85	0.011
4 x 1.0	35/0.19	7.8	101	0.010
4 x 1.5	30/0.25	9.3	141	0.010
4 x 2.5	50/0.25	10.9	213	0.009
5 x 0.75	26/0.19	8.0	100	0.011
5 x 1.0	35/0.19	8.6	132	0.010
5 x 1.5	30/0.25	10.3	178	0.010
5 x 2.5	50/0.25	12.1	264	0.009

重型低煙無鹵絕緣護套軟電線

HEAVY DUTY LSZH INSULATED LSZH SHEATHED FLEXIBLE CABLES



ROYAL HORSE 450/750V N x N.Nmm² (H07Z1Z1-F) HEAVY DUTY LSZH CABLE HD 21.14 S1

說明

- 工作溫度: 70°C
- 額定電壓: 450/750V
- 標準: HD 21.14 S1, IEC 60332-1, IEC 61034-2, IEC60754-1
- 型號: H07Z1Z1-F
- 導體使用絞合裸銅線
- 阻燃低煙無鹵絕緣
- 阻燃低煙無鹵護套

應用

- 用於煉油廠的能源網絡，高建築，商業中心，在那裡有火災危險
- 用於在工業工程設備，如鍋爐，加熱板，手提燈，電動工具（鑽頭，圓鋸）和現場移動式電機或機械
- 用於室內乾燥和潮濕中壓力下電氣設備

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 450/750V
- Reference standard: HD 21.14 S1, IEC 60332-1, IEC 61034-2, IEC60754-1
- Model: H07Z1Z1-F
- Fine copper conductor
- Flame retardant colour-coded LSZH insulation
- Flame retardant LSZH jacket

APPLICATION

- Used in energy networks in refineries, high constructions, business centers where there is risk of fire
- Used for equipment in industry works such as boilers, heating plates, hand lamps, electric tools (drills, circular saws) and transportable motors or machines at site
- Used in electrical equipment under medium stress in dry and damp interiors

重型低煙無鹵絕緣護套軟電線**HEAVY DUTY LSZH INSULATED LSZH SHEATHED
FLEXIBLE CABLES**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
1 x 1.5	30/0.25	6.0	53	0.010
1 x 2.5	50/0.25	6.6	68	0.009
1 x 4.0	80/0.25	7.6	96	0.007
1 x 6.0	119/0.25	8.3	122	0.006
1 x 10	200/0.25	10.2	193	0.0056
1 x 16	315/0.25	11.4	258	0.0046
1 x 25	500/0.25	13.3	376	0.0044
1 x 35	700/0.25	14.9	496	0.0038
1 x 50	1000/0.25	17.2	684	0.0037
1 x 70	1400/0.25	19.5	921	0.0032
1 x 95	1920/0.25	22.2	1218	0.0032
1 x 120	2400/0.25	23.9	1485	0.0029
1 x 150	2960/0.25	26.4	1834	0.0029
1 x 185	3689/0.25	29.0	2239	0.0029
1 x 240	4760/0.25	32.0	2839	0.0028
2 x 1.0	35/0.19	8.6	102	0.010
2 x 1.5	30/0.25	9.4	126	0.010
2 x 2.5	50/0.25	11.0	178	0.009
2 x 4.0	80/0.25	12.8	250	0.007
2 x 6.0	119/0.25	14.2	321	0.006
2 x 10	200/0.25	19.4	588	0.0056
2 x 16	315/0.25	21.8	775	0.0046
2 x 25	500/0.25	25.8	1112	0.0044
3 x 1.0	35/0.19	9.3	124	0.010
3 x 1.5	30/0.25	10.1	158	0.010

重型低煙無鹵絕緣護套軟電線

HEAVY DUTY LSZH INSULATED LSZH SHEATHED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
3 x 2.5	50/0.25	11.8	217	0.009
3 x 4.0	80/0.25	13.7	307	0.007
3 x 6.0	119/0.25	15.2	397	0.006
3 x 10	200/0.25	20.8	726	0.0056
3 x 16	315/0.25	23.4	967	0.0046
3 x 25	500/0.25	27.6	1412	0.0044
3 x 35	700/0.25	30.8	1835	0.0038
4 x 1.0	35/0.19	10.2	151	0.010
4 x 1.5	30/0.25	11.1	187	0.010
4 x 2.5	50/0.25	13.0	265	0.009
4 x 4.0	80/0.25	15.4	393	0.007
4 x 6.0	119/0.25	16.9	503	0.006
4 x 10	200/0.25	22.7	894	0.0056
4 x 16	315/0.25	25.5	1197	0.0046
4 x 25	500/0.25	30.7	1789	0.0044
4 x 35	700/0.25	34.1	2325	0.0038
4 x 50	1000/0.25	39.5	3208	0.0037
4 x 70	1400/0.25	44.9	4301	0.0032
4 x 95	1920/0.25	51.6	5754	0.0032
4 x 120	2400/0.25	55.2	6900	0.0029
4 x 150	2960/0.25	61.3	8552	0.0029
4 x 185	3689/0.25	67.2	10429	0.0029
4 x 240	4760/0.25	75.2	13310	0.0028
5 x 1.0	35/0.19	11.3	187	0.010
5 x 1.5	30/0.25	12.2	229	0.010

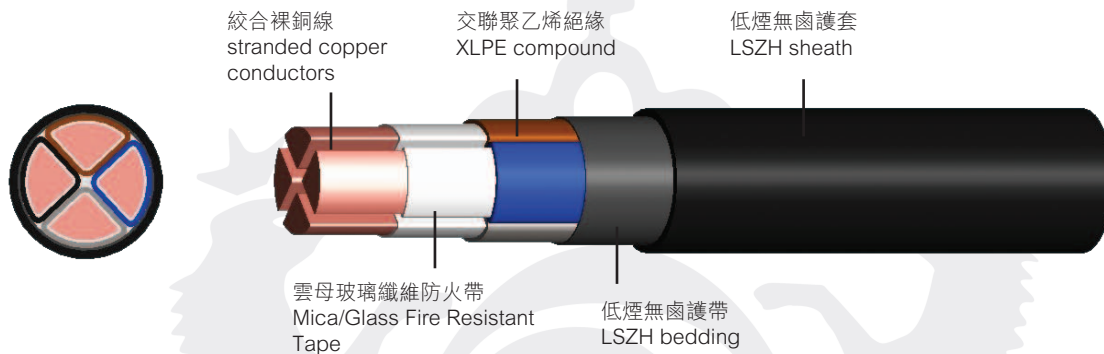
重型低煙無鹵絕緣護套軟電線**HEAVY DUTY LSZH INSULATED LSZH SHEATHED
FLEXIBLE CABLES**

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ · km) 70°C Min
5 x 2.5	50/0.25	14.3	326	0.009
5 x 4.0	80/0.25	16.8	472	0.007
5 x 6.0	119/0.25	18.8	621	0.006
5 x 10	200/0.25	25.0	1091	0.0056
5 x 16	315/0.25	28.3	1474	0.0046
5 x 25	500/0.25	33.9	2198	0.0044
5 x 35	700/0.25	37.9	2877	0.0038



雲母帶和交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM FR10 FIRE RESISTANT ELECTRIC CABLE IEC 60502-1 IEC 60331

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6387、BS7846、IEC60331、IEC60332-1、IEC60332-3、IEC60754、IEC61034
- 型號: FR/XLPE/LSZH
- 導體使用絞合裸銅線(FR10)
- 防火雲母帶
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護帶
- 阻燃低煙無鹵護套

應用

- 適用於核電站、地下鐵道、隧道、機場、碼頭、廣播電視塔等要求高阻燃防火的場合

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6387, BS7846, IEC60331, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: FR/XLPE/LSZH
- Stranded copper conductors (FR10)
- Mica/Glass fire resistant tape
- Insulated with cross-link polyethylene compound
- LSZH bedded
- LSZH sheathed overall

APPLICATION

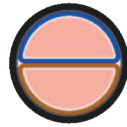
- For nuclear power plants, underground railways, tunnels, airports, docks, radio tower and other high fire resistant requirements situation

雲母帶和交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, UN-ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
1.5	7/0.52	6.6	58	12.1
2.5	7/0.67	7.1	72	7.41
4.0	7/0.85	7.6	91	4.61
6.0	7/1.04	8.3	117	3.08
10	7/1.35	9.3	165	1.83
16	7/1.70	10.3	229	1.15
25	7/2.24	11.6	333	0.727
35	19/1.56	12.6	420	0.524
50	19/1.86	14.1	564	0.387
70	14/2.55	16.2	762	0.268
95	19/2.55	17.8	1010	0.193
120	24/2.55	19.6	1263	0.153
150	30/2.55	21.6	1539	0.124
185	37/2.55	23.8	1910	0.0991
240	48/2.55	26.4	2463	0.0754
300	60/2.55	29	3060	0.0601
400	60/2.95	32.7	3991	0.0470

注：25mm²及以上均為圓形緊壓絞導體（第2類）

Note: 25mm² and above are circular compacted stranded conductors (Class 2)

雲母帶和交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, UN-ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)

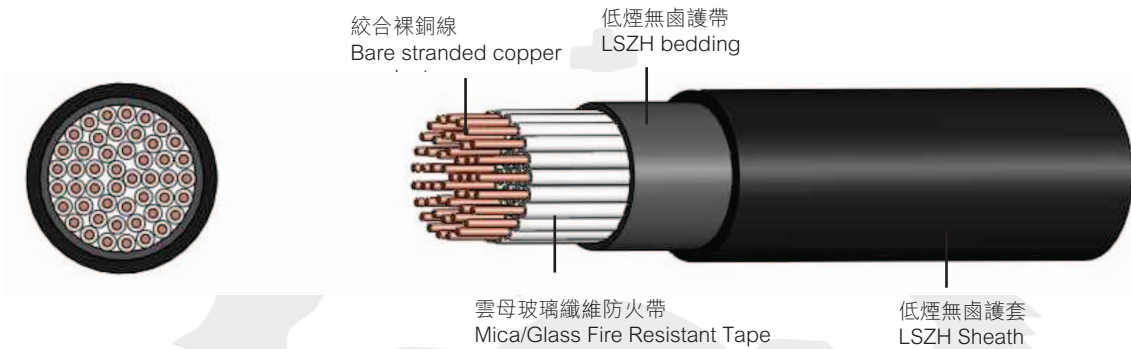
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Insulation Resistancee (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	7/0.52	13.4	13.8	14.8	225	245	284	12.1
2.5	7/0.67	14.2	14.9	16.0	263	300	352	7.41
4.0	7/0.85	15.2	15.9	17.2	320	370	442	4.61
6.0	7/1.04	16.6	17.4	18.9	399	470	567	3.08
10	7/1.35	18.6	19.6	21.3	538	648	791	1.83
16	7/1.70	20.6	21.8	23.7	714	879	1066	1.15
25	7/2.24	23.2	24.5	26.8	991	1245	1561	0.724
25*	10/1.83	19.0	21.5	23.8	731	1033	1337	0.724
35	19/1.56	25.2	26.7	29.3	1226	1556	1940	0.52
35*	14/1.83	20.7	23.7	26.1	927	1350	1753	0.52
50	19/1.83	22.1	26.2	29.2	1234	1788	2326	0.387
70	27/1.83	25.6	30.0	33.4	1671	2440	3178	0.268
95	37/1.83	28.1	32.5	37.6	2190	3215	4226	0.193
120	30/2.32	30.5	36.1	41.6	2740	4043	5305	0.153
150	37/2.32	33.8	39.5	45.4	3339	4923	6465	0.124
185	37/2.52	36.9	43.1	50.7	4044	5964	7874	0.0991
240	48/2.52	41.0	48.6	56.1	5149	7613	10013	0.0754
300	61/2.52	44.7	53.7	61.8	6411	9520	12501	0.0601
400	61/2.95	50.3	60.8	69.2	8611	12802	16842	0.0470

*25mm²和35mm²可以圓形或扇形導體
圓形導體 ≤ 35mm²; 扇形導體 ≥ 50mm²

* 25mm² and 35mm² could be in shaped conductor
Circular conductor ≤ 35mm²; Shaped conductor ≥ 50mm²

交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套防火電纜(5-48芯) XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FIRE RESISTANT CABLES (5-48 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM FR10 FIRE RESISTANT ELECTRIC CABLE IEC 60502-1 IEC60331

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6387、BS7846、IEC60331、IEC60332-1、IEC60332-3、IEC60754、IEC61034
- 型號: FR/XLPE/LSZH
- 導體使用絞合裸銅線
- 防火雲母帶
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護帶
- 阻燃低煙無鹵護套

應用

- 適用於核電站、地下鐵道、隧道、機場、碼頭、廣播電視塔等要求高阻燃防火的場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6387, BS7846, IEC60331, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: FR/XLPE/LSZH
- Stranded copper conductors
- Mica/Glass fire resistant tape
- Insulated with cross-link polyethylene compound
- LSZH bedded
- LSZH sheathed overall

APPLICATION

- For nuclear power plants, underground railways, tunnels, airports, docks, radio tower and other high fire resistant requirements situation
- For situations in which low emission of smoke and acid gases is required in the case of burning

交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套防火電纜(5-48芯)
XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FIRE RESISTANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
5X1.5	7/0.52	15.9	327	12.1
5X2.5	7/0.67	17.2	410	7.41
5X4.0	7/0.85	18.6	519	4.61
7X1.5	7/0.52	17.0	348	12.1
7X2.5	7/0.67	18.5	490	7.41
7X4.0	7/0.85	20.0	631	4.61
10X1.5	7/0.52	20.8	527	12.1
10X2.5	7/0.67	22.8	680	7.41
10X4.0	7/0.85	24.8	882	4.61
12X1.5	7/0.52	21.4	578	12.1
12X2.5	7/0.67	23.5	753	7.41
12X4.0	7/0.85	25.5	986	4.61
19X1.5	7/0.52	24.6	791	12.1
19X2.5	7/0.67	27.2	1051	7.41
19X4.0	7/0.85	29.8	1414	4.61
27X1.5	7/0.52	29.2	1069	12.1
27X2.5	7/0.67	32.9	1478	7.41
27X4.0	7/0.85	36.1	1993	4.61
30X1.5	7/0.52	30.2	1155	12.1
30X2.5	7/0.67	34.2	1620	7.41
30X4.0	7/0.85	37.6	2189	4.61
37X1.5	7/0.52	33.2	1419	12.1
37X2.5	7/0.67	36.9	1923	7.41
37X4.0	7/0.85	40.6	2613	4.61

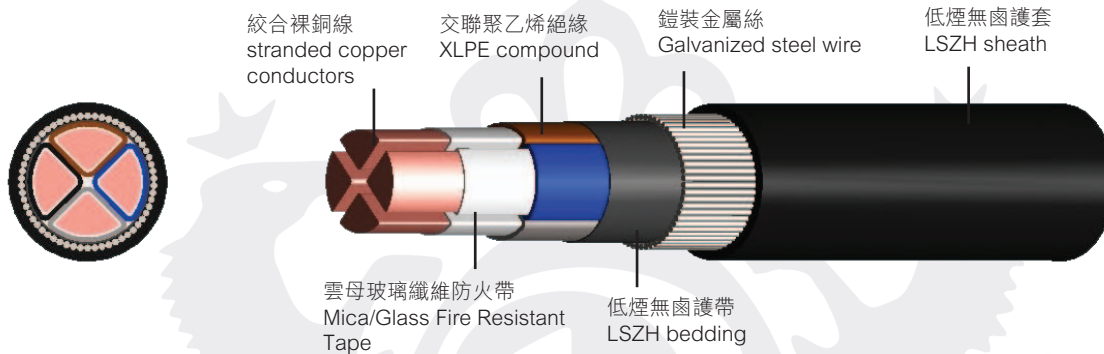
交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套防火電纜(5-48芯)
XLPE INSULATED, UN-ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
48X1.5	7/0.52	37.8	1768	12.1
48X2.5	7/0.67	42.0	2408	7.41
48X4.0	7/0.85	46.5	3310	4.61



雲母帶和交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM FR30 FIRE RESISTANT ELECTRIC CABLE BS7846-F2 IEC 60502-1 IEC60331

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6387、BS7846、IEC60331、IEC60332-1、IEC60332-3、IEC60754、IEC61034
- 型號: FR/XLPE/SWA/LSZH
- 導體使用絞合裸銅線
- 防火雲母帶
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護帶
- 鎧裝金屬絲
- 阻燃低煙無鹵護套

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6387, BS7846, IEC60331, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: FR/XLPE/SWA/LSZH
- Stranded copper conductors
- Mica/Glass fire resistant tape
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Galvanized steel wire
- LSZH sheathed overall

應用

- 所在區域需要關鍵電路的完整保持電源
- 能承受機械外力和相當的拉力

APPLICATION

- For areas where the integrity of the electrical circuit is critical in maintaining power supply
- Protection against mechanical aggressions and rodents

雲母帶和交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
1.5	7/0.52	10.8	154	12.1
2.5	7/0.67	11.2	170	7.41
4.0	7/0.85	11.7	198	4.61
6.0	7/1.04	12.3	231	3.08
10	7/1.35	13.3	289	1.83
16	7/1.70	14.3	367	1.15
25	7/2.24	15.6	486	0.727
35	19/1.56	17.0	605	0.524
50	19/1.86	18.5	768	0.387
70	14/2.55	20.4	985	0.268
95	19/2.55	22.8	1313	0.193
120	24/2.55	25.2	1626	0.153
150	30/2.55	27.2	1938	0.124
185	37/2.55	29.4	2341	0.0991
240	48/2.55	32.0	2942	0.0754
300	60/2.55	35.8	3731	0.0601
400	60/2.95	39.5	4724	0.0470

*使用非磁性金屬線鎧裝 Use Aluminum Armour wire.

注：25mm²及以上均為圓形緊壓絞導體（第2類）

Note: 25mm² and above are circular compacted stranded conductors (Class 2)

雲母帶和交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜 (1-4芯)

MICA TAPE AND XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (1-4 CORES)

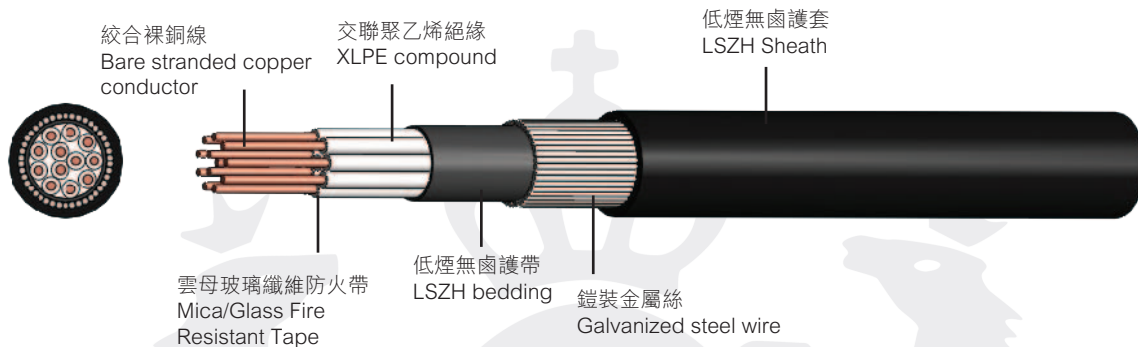
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	7/0.52	15.2	15.8	17.2	428	486	571	12.1
2.5	7/0.67	16.2	17.3	18.4	497	597	679	7.41
4.0	7/0.85	17.6	18.3	19.6	627	697	796	4.61
6.0	7/1.04	19.0	19.8	21.3	735	825	961	3.08
10	7/1.35	21.0	22.0	23.7	923	1050	1242	1.83
16	7/1.70	23.0	25.1	26.9	1147	1503	1741	1.15
25	7/2.24	26.4	27.7	30.2	1647	1951	2351	0.724
25*	10/1.83	21.4	24.7	27.0	1157	1674	2045	0.724
35	19/1.56	28.4	29.9	32.9	1950	2332	2837	0.524
35*	14/1.83	23.9	27.1	29.5	1523	2077	2568	0.524
50	19/1.83	25.3	29.6	32.6	1892	2603	3245	0.387
70	27/1.83	29.0	34.4	37.8	2465	3614	4516	0.268
95	37/1.83	31.5	36.7	41.8	3064	4457	5692	0.193
120	30/2.32	34.9	39.9	47.5	3941	5442	6730	0.153
150	37/2.32	38.2	44.6	51.5	4652	6574	8849	0.124
185	37/2.52	42.0	49.2	56.8	5596	8204	10452	0.0991
240	48/2.52	47.1	54.7	63.9	7252	10114	13541	0.0754
300	61/2.52	50.8	60.8	69.6	8735	12802	16312	0.0601
400	61/2.95	56.4	68.1	78.2	11114	16364	21840	0.0470

*25mm²和35mm²可以圓形或扇形導體
圓形導體 ≤ 35mm²; 扇形導體 ≥ 50mm²

* 25mm² and 35mm² could be in shaped conductor
Circular conductor ≤ 35mm²; Shaped conductor ≥ 50mm²

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜(5-48芯) XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FIRE RESISTANT CABLES (5-48 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM FR30 FIRE RESISTANT ELECTRIC CABLE BS7846- F2 IEC 60502-1 IEC60331

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6387、BS7846、IEC60331、IEC60332-1、IEC60332-3、IEC60754、IEC61034
- 型號: FR/XLPE/SWA/LSZH
- 導體使用絞合裸銅線
- 防火雲母帶
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護帶
- 鎧裝金屬絲
- 阻燃低煙無鹵護套

應用

- 所在區域需要關鍵電路的完整保持電源
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6387, BS7846, IEC60331, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: FR/XLPE/SWA/LSZH
- Stranded copper conductors
- Mica/Glass fire resistant tape
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Galvanized steel wire
- LSZH sheathed overall

APPLICATION

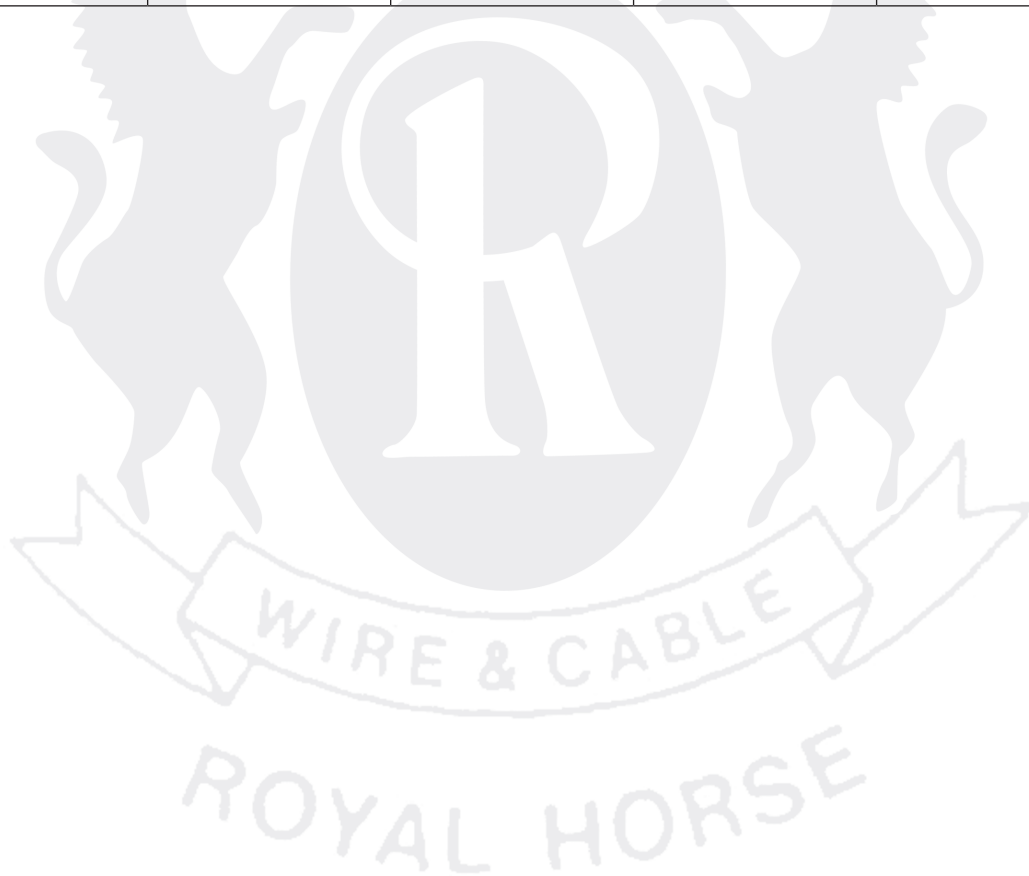
- For areas where the integrity of the electrical circuit is critical in maintaining power supply
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜(5-48芯)
XLPE INSULATED, STEEL WIRE ARMoured, LSZH
SHEATHED FIRE RESISTANT CABLES (5-48 CORES)

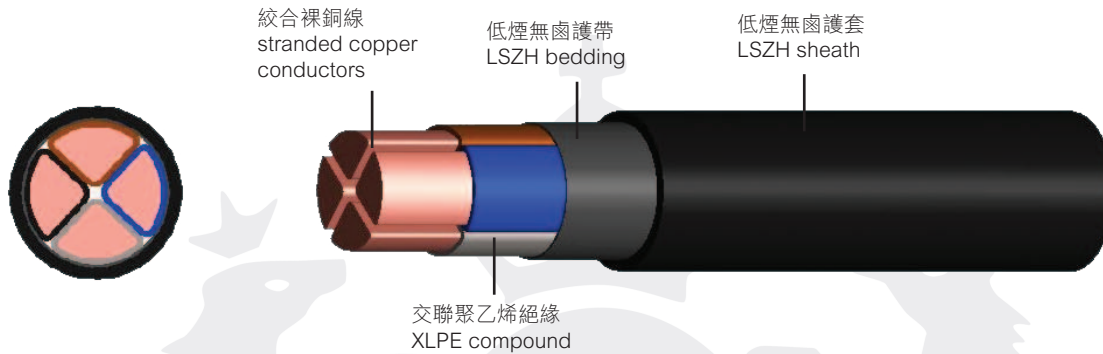
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
5X1.5	7/0.52	17.9	598	12.1
5X2.5	7/0.67	19.2	702	7.41
5X4.0	7/0.85	21.0	904	4.61
7X1.5	7/0.52	19.0	675	12.1
7X2.5	7/0.67	20.9	875	7.41
7X4.0	7/0.85	22.4	936	4.61
10X1.5	7/0.52	24.0	1117	12.1
10X2.5	7/0.67	26.0	1338	7.41
10X4.0	7/0.85	28.0	1588	4.61
12X1.5	7/0.52	24.6	1183	12.1
12X2.5	7/0.67	26.7	1429	7.41
12X4.0	7/0.85	28.9	1741	4.61
19X1.5	7/0.52	27.8	1498	12.1
19X2.5	7/0.67	30.6	1858	7.41
19X4.0	7/0.85	33.2	2306	4.61
27X1.5	7/0.52	32.6	1929	12.1
27X2.5	7/0.67	37.1	2704	7.41
27X4.0	7/0.85	40.3	3351	4.61
30X1.5	7/0.52	34.6	2285	12.1
30X2.5	7/0.67	38.4	2899	7.41
30X4.0	7/0.85	41.8	3575	4.61
37X1.5	7/0.52	37.4	2644	12.1
37X2.5	7/0.67	41.1	3309	7.41
37X4.0	7/0.85	44.6	4084	4.61

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜(5-48芯)
XLPE INSULATED, STEEL WIRE ARMoured, LSZH
SHEATHED FIRE RESISTANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
48X1.5	7/0.52	42.0	3154	12.1
48X2.5	7/0.67	47.4	4416	7.41
48X4.0	7/0.85	51.5	5440	4.61



交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套阻燃電纜 (1-4芯) XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FLAME RETARDANT CABLES (1-4 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM LH10 XLPE/LSZH ELECTRIC CABLE IEC 60502-1 IEC60332

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6724
• IEC60332-1、IEC60332-3
• IEC60754、IEC61034
- 型號: XLPE/LSZH
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵護帶
- 阻燃低煙無鹵護套

應用

- 適用於電站、地下鐵路、隧道、電纜溝、機場、碼頭、高層建築等場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6724, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: XLPE/LSZH
- Stranded copper conductors
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Flame retardant LSZH sheathed overall

APPLICATION

- For power stations, underground railways, tunnels, trenches, airports, docks, high-rise buildings and other occasions
- For situations in which low emission of smoke and acid gases is required in the case of burning

交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套阻燃電纜 (1-4芯) XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FLAME RETARDANT CABLES (1-4 CORES)



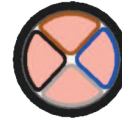
單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
1.5	7/0.52	5.8	47	12.1
2.5	7/0.67	6.2	59	7.41
4.0	7/0.85	6.8	79	4.61
6.0	7/1.04	7.4	102	3.08
10	7/1.35	8.3	148	1.83
16	7/1.7	9.3	210	1.15
25	7/2.14	11.0	314	0.727
35	19/1.53	12.3	414	0.524
50	19/1.78	13.7	542	0.387
70	19/2.14	15.9	764	0.268
95	19/2.52	17.8	1026	0.193
120	37/2.03	19.8	1286	0.153
150	37/2.25	22.0	1581	0.124
185	37/2.52	24.5	1923	0.0991
240	61/2.25	27.3	2542	0.0754
300	61/2.52	30.1	3161	0.0601
400	91/2.36	34.2	4113	0.0470
500	91/2.65	38.0	5154	0.0366
630	127/2.52	42.2	6454	0.0283
800	127/2.85	47.3	8216	0.0221
1000	127/3.15	52.0	10006	0.0176

交聯聚乙烯絕緣、無鎧裝、低煙無鹵護套阻燃電纜 (1-4芯)
XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED
FLAME RETARDANT CABLES (1-4 CORES)

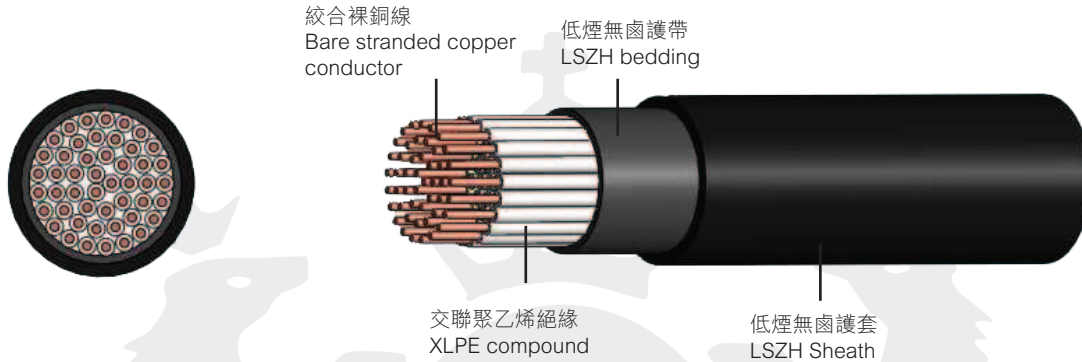
兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	7/0.52	12.0	12.5	13.2	186	207	236	12.1
2.5	7/0.67	12.8	13.3	14.2	223	253	294	7.41
4.0	7/0.85	14.0	14.6	15.7	281	331	395	4.61
6.0	7/1.04	15.4	16.1	17.3	358	424	510	3.08
10	7/1.35	17.4	18.3	19.8	494	599	732	1.83
16	7/1.70	19.4	20.4	22.2	667	826	1023	1.15
25	10/1.83	17.2	19.6	21.8	665	945	1212	0.727
35	14/1.83	18.8	21.4	24.1	871	1247	1621	0.524
50	19/1.83	21.1	23.6	27.0	1155	1655	2165	0.387
70	27/1.83	23.8	27.8	31.5	1571	2280	3012	0.268
95	37/1.83	26.1	30.3	35.4	2070	3031	4020	0.193
120	30/2.32	28.8	33.9	39.1	2599	3838	5085	0.153
150	37/2.32	32.1	37.2	43.0	3173	4669	6197	0.124
185	37/2.52	35.0	40.7	48.4	3867	5694	7590	0.0991
240	48/2.52	38.9	46.4	54.0	4940	7283	9707	0.0754
300	61/2.52	43.3	51.4	59.5	6171	9138	12180	0.0601
400	61/2.95	48.5	58.6	66.9	8337	12367	16453	0.0470

圓形導體 ≤ 16mm², 扇形導體 ≥ 25mm²
 Circular conductor ≤ 16mm², Shaped conductor ≥ 25mm²



交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套阻燃電纜(5-48芯) XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED FLAME RETARDANT CABLES (5-48 CORES)



ROYAL HORSE 600/1000V N x N.N SQMM LH10 XLPE/LSZH ELECTRIC CABLE IEC60502-1 IEC60332

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6724、IEC60332-1、IEC60332-3、IEC61034、IEC60754
- 型號: XLPE/LSZH
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護套
- 阻燃低煙無鹵護套

應用

- 適用於電站、地下鐵路、隧道、電纜溝、機場、碼頭、高層建築等場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

DESCRIPTION

- Rated temperature: 90°C
- Rated voltage: 600/1000V
- Reference standard: IEC60502-1, BS6724, IEC60332-1, IEC60332-3, IEC61034, IEC60754
- Model: XLPE/LSZH
- Bare stranded copper conductor
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Flame retardant LSZH sheathed oversheath

APPLICATION

- For power stations, underground railways, tunnels, trenches, airports, docks, high-rise buildings and other occasions
- For situations in which low emission of smoke and acid gases is required in the case of burning

交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套阻燃電纜(5-48芯)
XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED
FLAME RETARDANT CABLES (5-48 CORES)

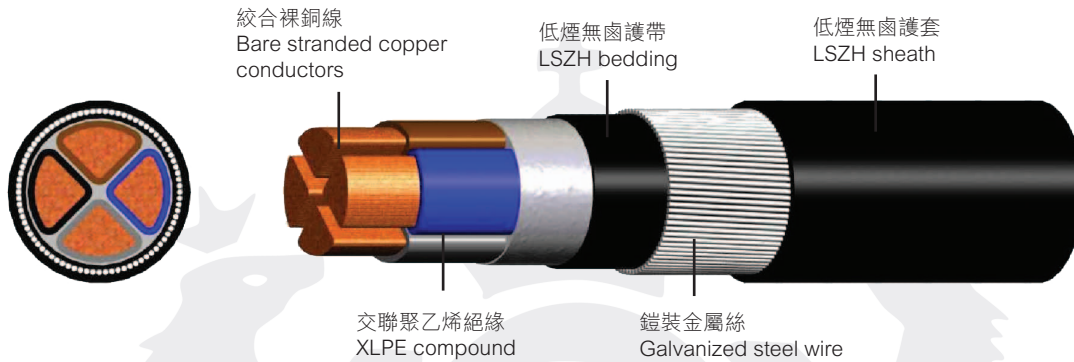
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
5X1.5	7/0.52	13.7	260	12.1
5X2.5	7/0.67	14.8	331	7.41
5X4.0	7/0.85	16.4	441	4.61
7X1.5	7/0.52	14.6	305	12.1
7X2.5	7/0.67	15.8	396	7.41
7X4.0	7/0.85	17.6	538	4.61
10X1.5	7/0.52	17.6	414	12.1
10X2.5	7/0.67	19.2	544	7.41
10X4.0	7/0.85	21.6	747	4.61
12X1.5	7/0.52	18.1	455	12.1
12X2.5	7/0.67	19.7	604	7.41
12X4.0	7/0.85	22.2	838	4.61
19X1.5	7/0.52	20.6	622	12.1
19X2.5	7/0.67	22.6	846	7.41
19X4.0	7/0.85	25.6	1197	4.61
27X1.5	7/0.52	24.1	828	12.1
27X2.5	7/0.67	26.5	1140	7.41
27X4.0	7/0.85	30.4	1644	4.61
30X1.5	7/0.52	24.8	894	12.1
30X2.5	7/0.67	27.4	1241	7.41
30X4.0	7/0.85	31.6	1810	4.61
37X1.5	7/0.52	26.6	1052	12.1
37X2.5	7/0.67	29.6	1483	7.41
37X4.0	7/0.85	34.6	2203	4.61

交聯聚乙烯絕緣、非鎧裝、低煙無鹵護套阻燃電纜(5-48芯)
XLPE INSULATED, UN-ARMOURED, LSZH SHEATHED
FLAME RETARDANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
48X1.5	7/0.52	30.3	1320	12.1
48X2.5	7/0.67	34.3	1916	7.41
48X4.0	7/0.85	39.4	2778	4.61



交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FLAME RETARDANT CABLES (1-4 CORES)



四芯 Four-Core

ROYAL HORSE 600/1000V N x N.N SQMM LH30 XLPE/SWA/LSZH ELECTRIC CABLE BS6724 IEC60502-1 IEC60332

說明

- 工作溫度: 90 °C
- 額定電壓: 600/1000V
- 標準: IEC60502-1、BS6724
• IEC60332-1、IEC60332-3
• IEC60754、IEC61034
- 型號: XLPE/SWA/LSZH
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵護帶
- 鎧裝金屬絲
- 阻燃低煙無鹵護套

應用

- 適用於核電站、地下鐵道、隧道、電纜溝、機場、碼頭、廣播電視塔等要求高阻燃的場合
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 600/1000V
- Reference Standard: IEC60502-1, BS6724, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: XLPE/SWA/LSZH
- Stranded copper conductors
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Galvanized steel wire armoured
- LSZH sheathed overall

APPLICATION

- For nuclear power plants, underground railways, tunnels, airports, docks, radio tower and other high fire retardant requirements situation
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FLAME RETARDANT CABLES (1-4 CORES)



單芯 Single Core



兩芯 Two Core



三芯 Three Core



四芯 Four Core

單芯 Single-Core*

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
10	7/1.35	13.3	289	1.83
16	7/1.70	14.3	364	1.15
25	7/2.14	16.6	521	0.727
35	19/1.53	17.9	659	0.524
50	19/1.78	19.3	792	0.387
70	19/2.14	21.3	1039	0.268
95	19/2.52	24.0	1390	0.193
120	37/2.03	25.8	1471	0.153
150	37/2.25	28.0	2003	0.124
185	37/2.52	30.7	2454	0.0991
240	61/2.25	34.5	3170	0.0754
300	61/2.52	37.3	3851	0.0601
400	91/2.36	41.2	4863	0.0470
500	91/2.65	46.6	6191	0.0366
630	127/2.52	50.8	7598	0.0283
800	127/2.85	55.9	9491	0.0221
1000	127/3.15	61.6	11590	0.0176

*使用非磁性金屬線鎧裝 Use Aluminum Armour wire.

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜 (1-4芯)
XLPE INSULATED, STEEL WIRE ARMoured, LSZH
SHEATHED FLAME RETARDANT CABLES (1-4 CORES)

兩芯至四芯 Two-core to Four-Core

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)			參考重量 Reference weight (kg/km)			導體最大 電阻 Conductor Resistance (Ω/km) 20°C Max
		2	3	4	2	3	4	
1.5	7/0.52	14.0	14.5	15.2	369	404	445	12.1
2.5	7/0.67	14.8	15.3	16.2	425	469	525	7.41
4.0	7/0.85	16.0	17.0	18.1	512	619	713	4.61
6.0	7/1.04	17.8	18.5	19.7	662	752	865	3.08
10	7/1.35	19.8	20.7	23.0	849	916	1188	1.83
16	7/1.70	21.8	23.6	25.4	1059	1400	1645	1.15
25	10/1.83	20.1	23.3	25.5	1064	1529	1871	0.727
35	14/1.83	21.7	25.3	27.8	1307	1906	2371	0.524
50	19/1.83	24.8	27.3	30.9	1813	2391	3025	0.387
70	27/1.83	27.5	31.9	36.2	2278	3189	4236	0.268
95	37/1.83	30.0	35.2	40.1	2927	4238	5443	0.193
120	30/2.32	33.5	38.8	44.8	3773	5220	6779	0.153
150	37/2.32	36.8	42.9	50.0	4470	6273	8501	0.124
185	37/2.52	39.9	47.8	55.1	5304	7861	10111	0.0991
240	48/2.52	45.9	53.5	62.7	7078	9768	13290	0.0754
300	61/2.52	49.1	58.3	67.6	8481	11789	15903	0.0601
400	61/2.95	55.2	66.5	76.2	10887	15953	21342	0.0470

圓形導體 ≤ 16mm², 扇形導體 ≥ 25mm²
 Circular conductor ≤ 16mm², Shaped conductor ≥ 25mm²



交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜(5-48芯) XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FLAME RETARDANT CABLES (5-48 CORES)



ROYAL HORSE 600/1000V N x N.SQMM LH30 XLPE/SWA/LSZH ELECTRIC CABLE BS6724 IEC60502-1 IEC60332

說明

- 工作溫度: 90°C
- 額定電壓: 600/1000V
- 標準: IEC60502、BS6724、IEC63332-1、IEC60332-3、IEC60754、IEC61034
- 型號: XLPE/SWA/LSZH
- 導體使用絞合裸銅線
- 交聯聚乙烯絕緣
- 阻燃低煙無鹵內護套
- 鎧裝金屬絲
- 阻燃低煙無鹵護套

應用

- 適用於電站、地下鐵路、隧道、電纜溝、機場、碼頭、高層建築等場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射
- 能承受機械外力和相當的拉力

DESCRIPTION

- Rated temperature: 90°C
- Rated voltage: 600/1000V
- Reference standard: IEC60502, BS6724, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: XLPE/SWA/LSZH
- Bare stranded copper conductor
- Insulated with cross-link polyethylene compound
- LSZH bedded
- Galvanized steel wire armoured
- Flame retardant LSZH sheathed oversheath

APPLICATION

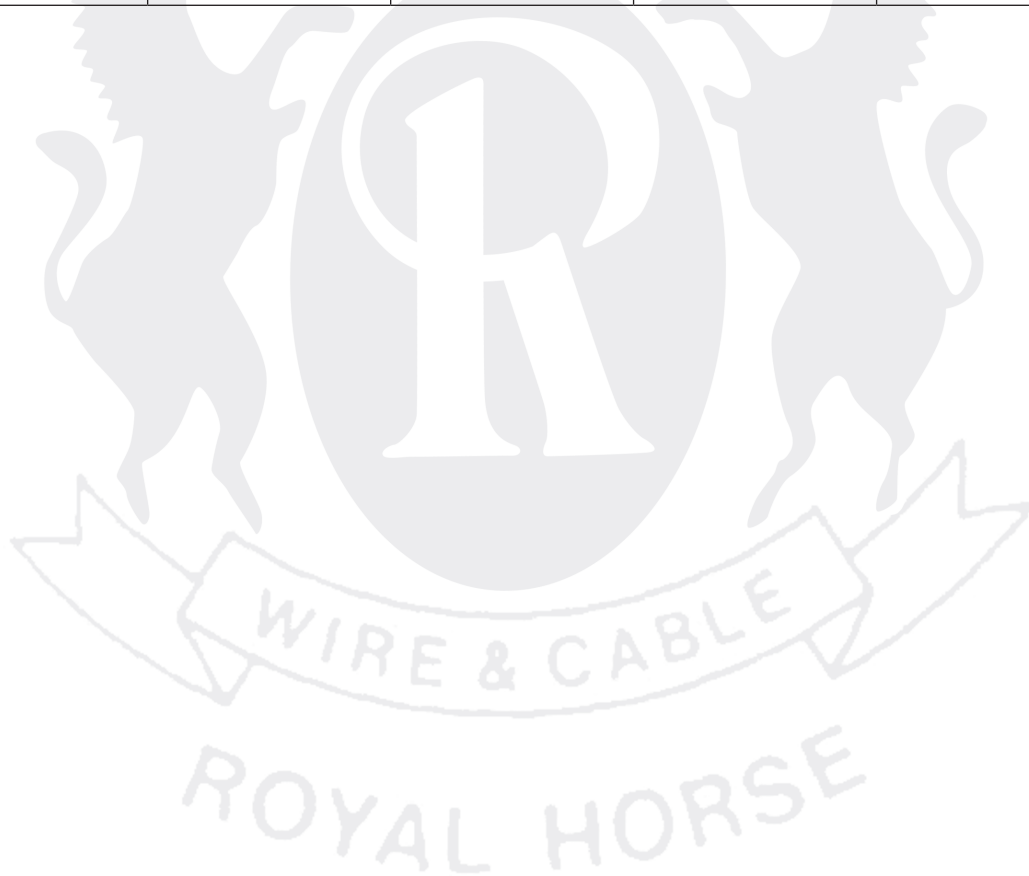
- For power stations, underground railways, tunnels, trenches, airports, docks, high-rise buildings and other occasions
- For situations in which low emission of smoke and acid gases is required in the case of burning
- Protection against mechanical aggressions and rodents

交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜(5-48芯)
XLPE INSULATED, STEEL WIRE ARMoured, LSZH
SHEATHED FLAME RETARDANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
5X1.5	7/0.52	15.7	483	12.1
5X2.5	7/0.67	17.2	619	7.41
5X4.0	7/0.85	18.8	777	4.61
7X1.5	7/0.52	17.0	593	12.1
7X2.5	7/0.67	18.2	712	7.41
7X4.0	7/0.85	20.0	902	4.61
10X1.5	7/0.52	20.0	779	12.1
10X2.5	7/0.67	21.6	944	7.41
10X4.0	7/0.85	24.8	1351	4.61
12X1.5	7/0.52	20.5	829	12.1
12X2.5	7/0.67	22.9	1160	7.41
12X4.0	7/0.85	25.4	1460	4.61
19X1.5	7/0.52	23.8	1196	12.1
19X2.5	7/0.67	25.8	1484	7.41
19X4.0	7/0.85	29.0	1950	4.61
27X1.5	7/0.52	27.3	1517	12.1
27X2.5	7/0.67	29.9	1931	7.41
27X4.0	7/0.85	34.8	2802	4.61
30X1.5	7/0.52	28.2	1614	12.1
30X2.5	7/0.67	30.8	2045	7.41
30X4.0	7/0.85	35.8	2977	4.61
37X1.5	7/0.52	30.0	1846	12.1
37X2.5	7/0.67	33.0	2358	7.41
37X4.0	7/0.85	38.4	3446	4.61

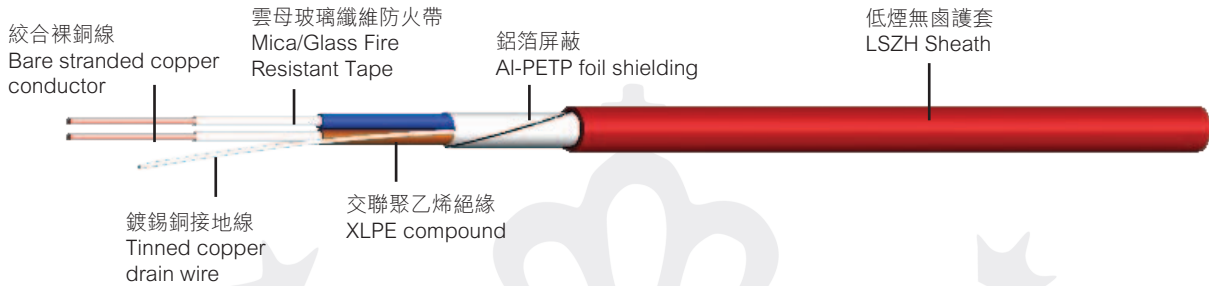
交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜(5-48芯)
XLPE INSULATED, STEEL WIRE ARMoured, LSZH
SHEATHED FLAME RETARDANT CABLES (5-48 CORES)

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
48X1.5	7/0.52	34.7	2449	12.1
48X2.5	7/0.67	38.5	3192	7.41
48X4.0	7/0.85	43.8	4263	4.61



防火報警電纜

FIRE RESISTANT FIRE ALARM CABLE



ROYAL HORSE 300/500V N x N.N SQMM FR FIRE ALARM CABLE TO BS5839-1 BS6387 CWZ

說明

- 工作溫度: 90 °C
- 額定電壓: 300/500V
- 標準: BS5839-1:2002
 - BS6387 (CWZ)、EN 50200
 - EN 8434-2、IEC60331
 - IEC60332-1、IEC60332-3
 - IEC60754、IEC61034
- 型號: FR FireAlarm
- 導體使用絞合裸銅線
- 防火雲母帶
- 交聯聚乙烯絕緣
- 靜電屏幕的塑料塗層鋁箔與鍍錫接
- 地線0.5平方毫米(7x0.3mm)
- 阻燃低煙無鹵護套

應用

- 適用於核電站、地下鐵道、隧道、機場、碼頭、廣播電視塔等要求高阻燃防火的場合
- 在燃燒情況下需要低煙和低腐蝕性氣體放射

DESCRIPTION

- Rated Temperature: 90°C
- Rated Voltage: 300/500V
- Reference Standard: BS5839-1:2002, BS6387 (Category CWZ), EN 50200, EN 8434-2, IEC60331, IEC60332-1, IEC60332-3, IEC60754, IEC61034
- Model: FR FireAlarm
- Solid or stranded bare copper conductors
- Mica/Glass fire resistant tape
- Insulated with cross-link polyethylene compound
- Electrostatic screen of plastic coated aluminium foil with tinned drain-wire 0.5mm² (7x0.3mm)
- LSZH sheathed overall

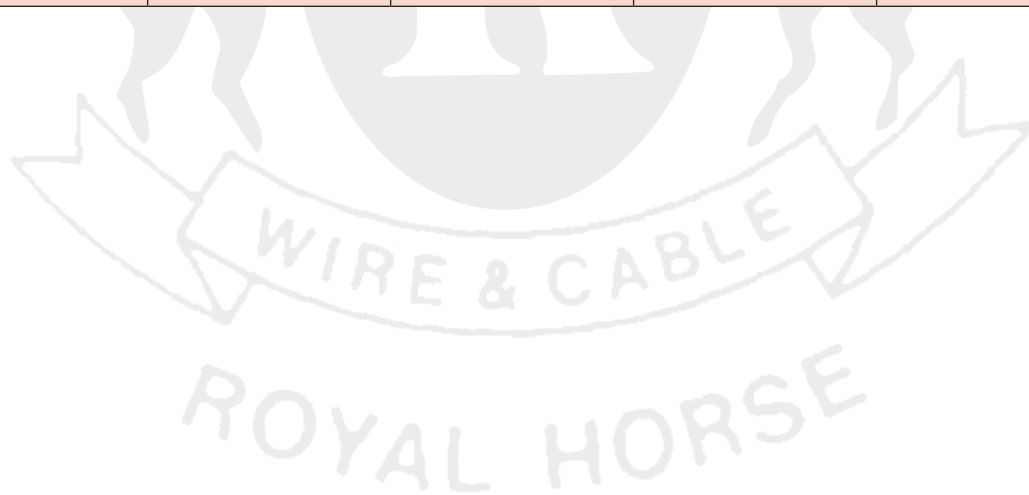
APPLICATION

- For nuclear power plants, underground railways, tunnels, airports, docks, radio tower and other high fire resistant requirements situation
- For situations in which low emission of smoke and acid gases is required in the case of burning

防火報警電纜

FIRE RESISTANT FIRE ALARM CABLE

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Conductor Resistance (Ω/km) 20°C Max
2x1.0	1/1.13	8.0	80	18.1
2x1.5	1/1.38	8.1	95	12.1
2x2.5	1/1.78	9.5	135	7.41
2x4.0	7/0.85	11.6	210	4.61
3x1.0	1/1.13	8.2	95	18.1
3x1.5	1/1.38	8.4	115	12.1
3x2.5	1/1.78	10.4	170	7.41
3x4.0	7/0.85	12.3	260	4.61
4x1.0	1/1.13	8.5	115	18.1
4x1.5	1/1.38	10	150	12.1
4x2.5	1/1.78	11.9	210	7.41
4x4.0	7/0.85	13.5	330	4.61

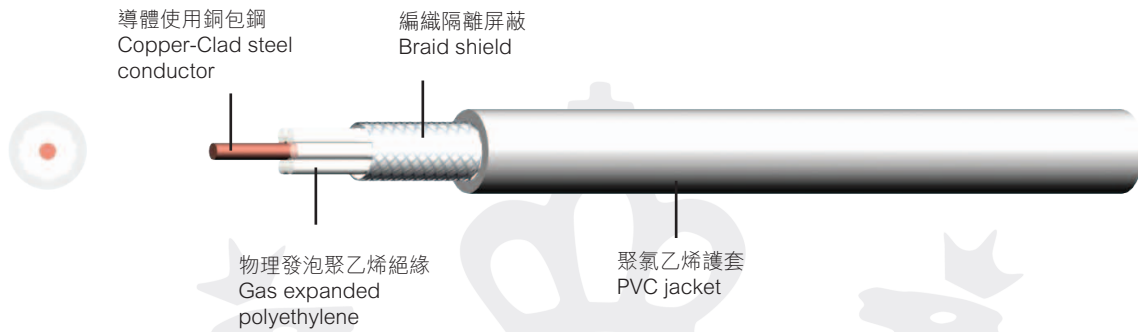


同軸電纜和影音線 COAXIAL, AUDIO & VIDEO CABLE



公用天線電視寬頻電纜

CATV BROADBAND VIDEO CABLE



ROYAL HORSE RG-6/U COAXIAL CABLE 75 OHMS
or
ROYAL HORSE COAXIAL COLOR 5C-2V 75 OHM

說明

- 工作溫度: 60 °C
- 阻抗: 75 Ω
- 導體使用銅包鋼或裸銅
- 物理發泡聚乙烯絕緣
- 鋁箔編織隔離屏蔽層
- 阻燃聚氯乙烯護套
- 通過GB/T12666.2垂直耐燃測試

DESCRIPTION

- Rated temperature: 60°C
- Nominal Impedance: 75 Ω
- Copper-Clad steel or bare solid copper conductor
- Dielectric: Gas expanded polyethylene
- Aluminum foil and Aluminum braided wire shield
- Flame retardant PVC jacket
- Passes GB/T12666.2 vertical flame test

應用

- 用於CATV和MATV系統的接入電纜

APPLICATION

- Drop cable for CATV and MATV distribution

公用天線電視寬頻電纜

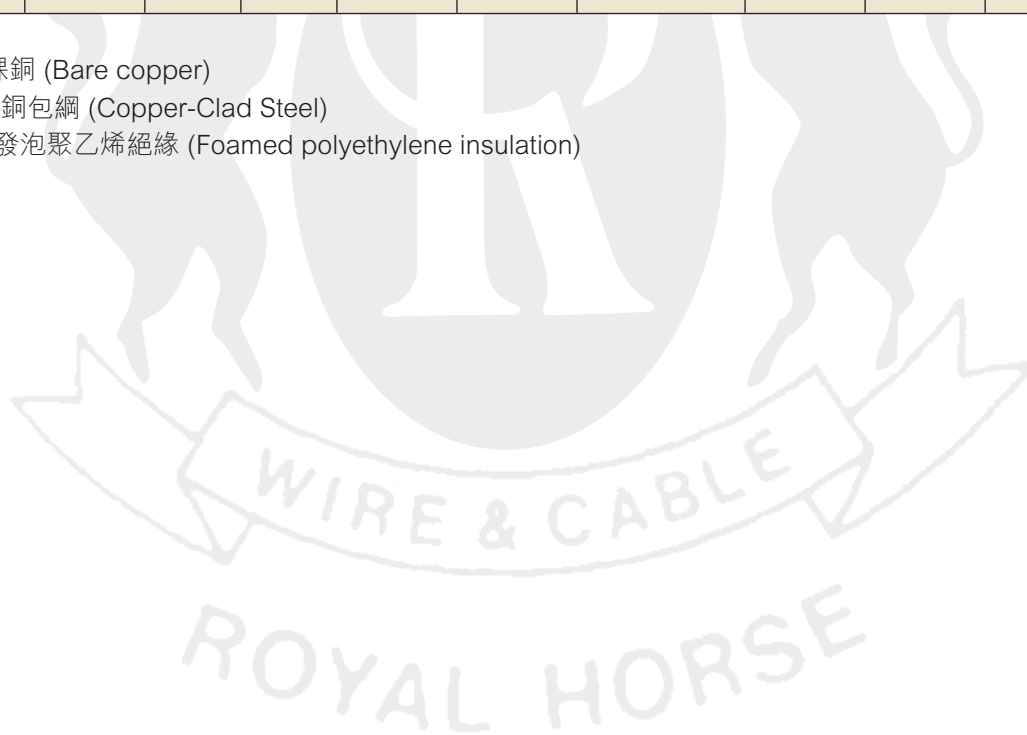
CATV BROADBAND VIDEO CABLE

TYPE	導體 Conductor		絕緣 Dielectric		屏蔽 Shield		護套 厚度 Jacket Nom. Thick. (mm)	電纜 外徑 Cable Nom. Dia. (mm)	阻抗 Nom. Imp. (Ω)
	線規 AWG	種類 Type	材質 Mat.	外徑 No. Dia.	材質 Mat.	覆蓋率 Coverage			
RG-6/U	18	CCS	FPE	4.8	Al foil	45%	0.84	7.0	75
	18	CCS	FPE	4.8	Al foil	60%	0.84	7.0	75
	18	CCS	FPE	4.8	Al foil	90%	0.84	7.0	75
	18	BC	FPE	4.8	Al foil	45%	0.84	7.0	75
	18	BC	FPE	4.8	Al foil	60%	0.84	7.0	75
	18	BC	FPE	4.8	Al foil	90%	0.84	7.0	75

BC — 裸銅 (Bare copper)

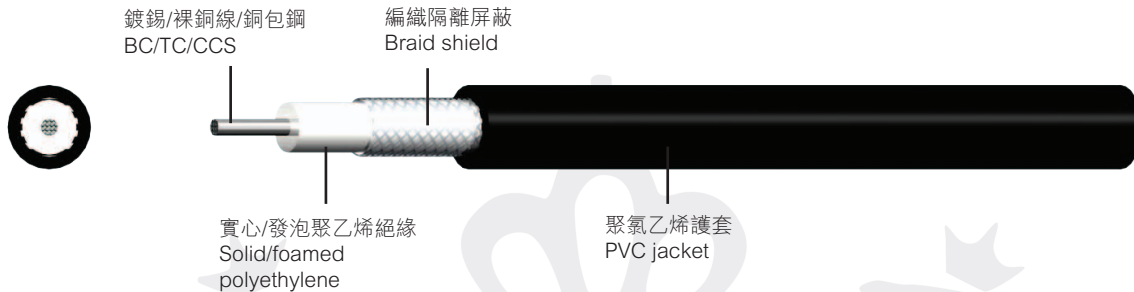
CCS — 銅包鋼 (Copper-Clad Steel)

FPE — 發泡聚乙烯絕緣 (Foamed polyethylene insulation)



RG 同軸電纜

RG TYPE COAXIAL CABLE



ROYAL HORSE RG58A/U 50 Ω HIGH-GRADE COAXIAL CABLE FOR COMPUTER NETWORK OR C.C.T.V.

說明

- 阻抗: 50 Ω
- 導體使用單根或絞合鍍錫或裸銅線或銅包鋼
- 實心或發泡聚乙烯絕緣
- 可加上鋁箔麥拉帶縱包或繞包屏蔽
- 鍍錫或裸銅線編織屏蔽
- 阻燃聚氯乙烯護套

應用

- 用於電腦網絡和C.C.T.V.系統

DESCRIPTION

- Nominal Impedance: 50 Ω
- Tinned or bare, stranded or solid copper conductor or copper clad steel
- Solid or foamed PE insulation
- Longitudinal aluminum mylar shielding
- Tinned or bare copper wire braid shield available
- Flame retardant PVC jacket

APPLICATION

- For computer network or C.C.T.V.

RG 同軸電纜**RG TYPE COAXIAL CABLE**

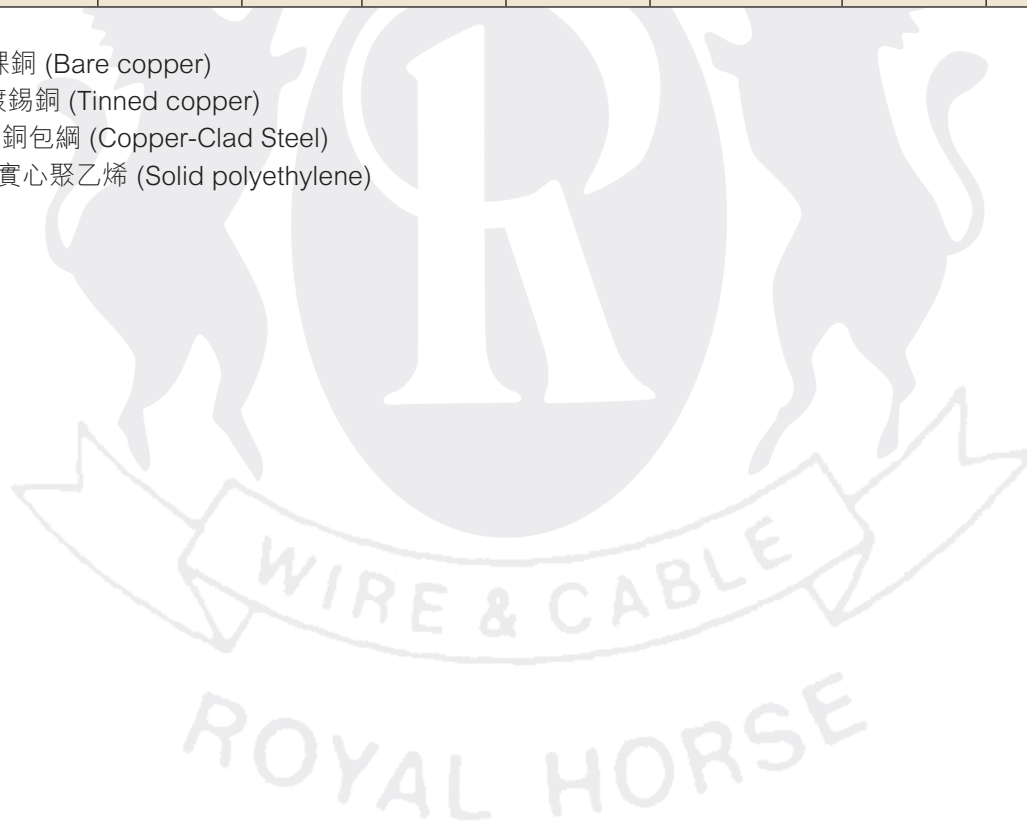
TYPE	導體 Conductor		絕緣 Dielectric		編織屏蔽 Braid Shield (N/N/mm)	電纜 外徑 Cable Nom. Dia. (mm)	阻抗 Nom. Imp. (Ω)
	導體結構 N/mm	種類 Type	材質 Mat.	外徑 No. Dia.			
RG-58A/U	7/0.16	BC	SPE	1.52	16/4/0.1	3.0	50
RG-58A/U-A	17/0.19	TC	FPE	2.00	16/4/0.12	3.8	50
RG-58A/U-B	17/0.19	TC	SPE	2.95	16/7/0.12	5.1	50
RG-58A/U-C	7/0.254	TC	SPE	2.95	16/6/0.12	5.1	50

BC — 裸銅 (Bare copper)

TC — 鍍錫銅 (Tinned copper)

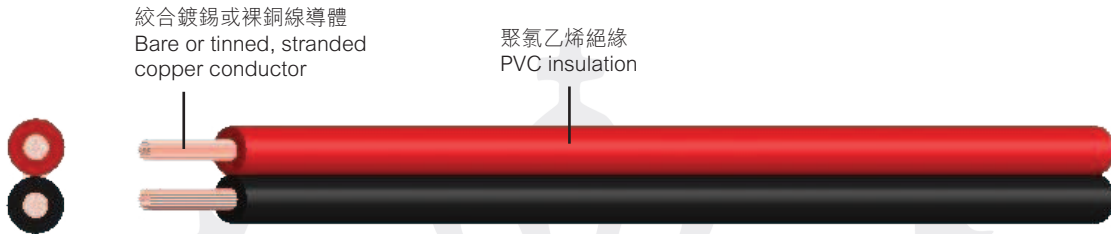
CCS — 銅包鋼 (Copper-Clad Steel)

SPE — 實心聚乙烯 (Solid polyethylene)



紅黑喇叭線

RED-BLACK SPEAKER CABLES



說明

- 工作溫度: 70°C
- 額定電壓: 300/300V
- 標準: GB/T5023
- 型號: 60227IEC42 (RVB)
- 導體使用絞合鍍錫或裸銅線
- 紅/黑聚氯乙烯或阻燃聚氯乙烯絕緣

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V
- Reference standard: GB/T5023
- Model: 60227IEC42 (RVB)
- Bare or tinned, stranded copper conductor
- PVC or color-coded flame retardant PVC insulation

應用

- 強化輸送系統音響組合

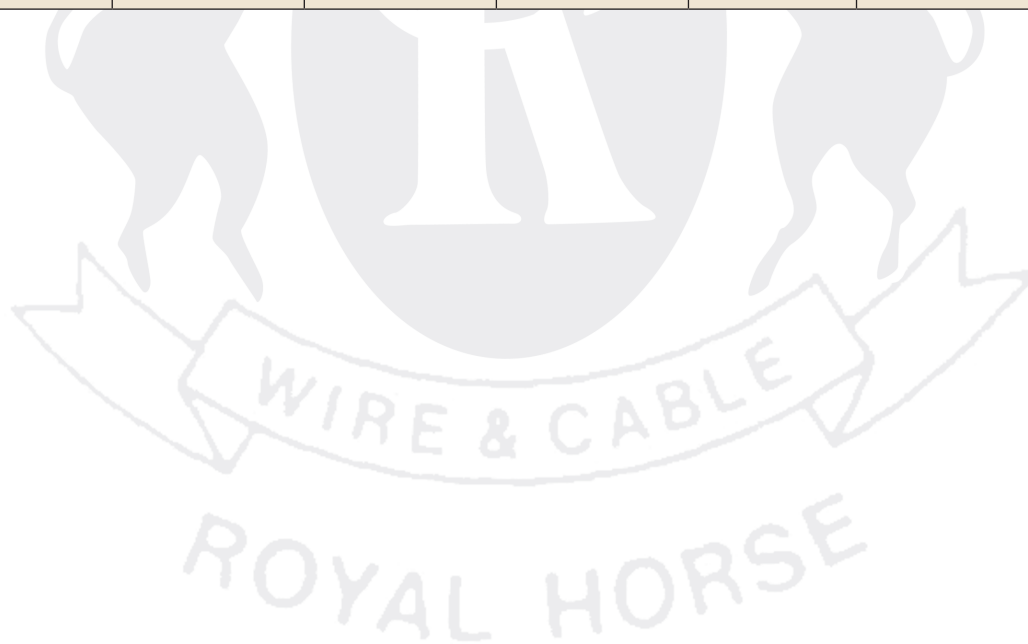
APPLICATION

- For strengthened transmission system of audio Hi-Fi components

紅黑喇叭線

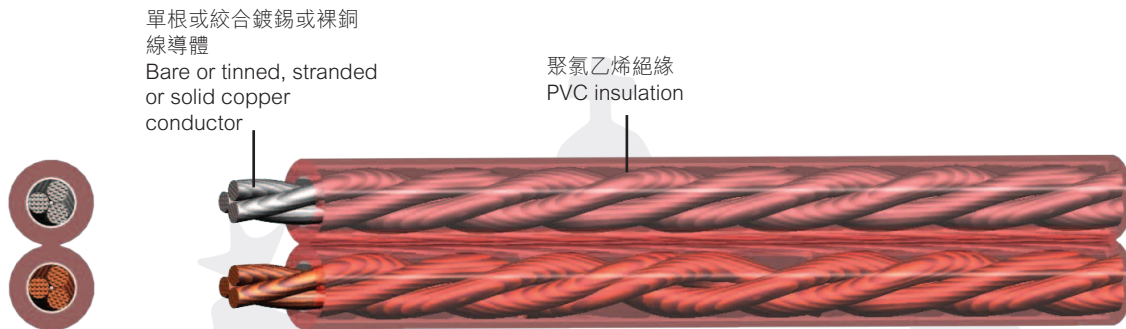
RED-BLACK SPEAKER CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Avg overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
0.16	14/0.12	2.4 x 4.8	15.7	111	123
0.26	23/0.12	2.7 x 5.3	20.7	69.2	74.5
0.43	38/0.12	2.7 x 5.5	23.6	41.7	44.7
0.8	70/0.12	2.9 x 5.8	31.2	22.6	23.8
1.13	100/0.12	3.0 x 6.0	37.6	17.5	18.4
0.5	42/0.12	2.8 x 5.6	25.0	39.0	40.1
0.75	64/0.12	3.0 x 6.0	31.1	26.0	26.7
1.0	86/0.12	3.2 x 6.4	37.8	19.5	20.0



金銀喇叭線

HIGH QUALITY GOLD/SILVER SPEAKER CABLES



< < HIGH QUALITY SPEAKER WIRE OFEC SUPER AUDIO > >

說明

- 工作溫度: 70°C
- 額定電壓: 300/300V
- 標準: GB/T5023
- 型號: 60227IEC42 (RVB)
- 導體使用單根或絞合鍍錫或裸銅線
- 透明聚氯乙烯絕緣

應用

- 強化輸送系統音響組合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 300/300V
- Reference standard: GB/T5023
- Model: 60227IEC42 (RVB)
- Bare or tinned, stranded or solid copper conductor
- Transparent type PVC insulation

APPLICATION

- For strengthened transmission system of audio Hi-Fi components

金銀喇叭線

HIGH QUALITY GOLD/SILVER SPEAKER CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Avg overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max	
				銅芯 Copper core	鍍錫銅芯 Tin plated copper core
0.50	2 x 21/0.12	3.0 X 6.2	27	39	40.1
0.75	2 x 33/0.12	3.6 X 7.3	39	26	26.7
其它型號 Other Model					
0.55	7 x 7/0.12	3.6 X 6.9	38	36	37.1
0.70	2 x 30/0.12	3.5 X 7.1	37	28	29.2
1.0	2 x 44/0.12	4.2 X 8.5	53	19.5	20
1.13	2 x 49/0.12	4.1 X 8.3	53	17.5	18.4
1.36	2 x 60/0.12	4.3 X 8.8	61	14.6	15.5
1.5	3 x 44/0.12	4.5 X 9.0	67	13.3	13.7
1.5	2 x 26/0.19	4.7 X 9.5	69	13.3	13.7
2.5	3 x 73/0.12	5.5 X 11.2	102	7.98	8.21
2.5	2 x 44/0.19	5.5 X 11.2	102	7.98	8.21
4.0	7 x 50/0.12	6.6 X 13.5	152	4.95	5.09
4.0	3 x 47/0.19	6.6 X 13.5	153	4.95	5.09
6.0	7 x 75/0.12	7.7 X 15.6	215	3.30	3.39
6.0	3 x 70/0.19	7.7 X 15.6	215	3.30	3.39

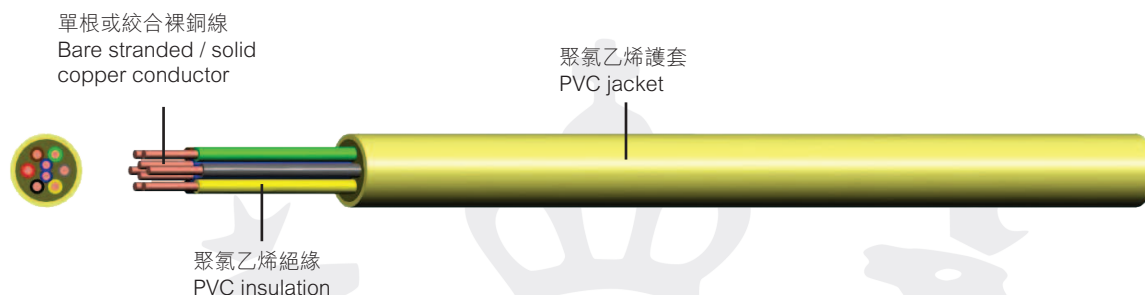
電信和網絡電纜

TELECOMMUNICATION AND NETWORK CABLE



聚氯乙烯絕緣護套低頻通信局用電纜

LOW FREQUENCY TELECOMMUNICATION CABLES



說明

- 工作溫度: 70°C
- 標準: GB/T 11327
- 型號: HJVV、HJVVP (鋁麥拉帶遮罩)
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護套

DESCRIPTION

- Rated Temperature: 70°C
- Reference Standard: GB/T 11327
- Model: HJVV, HJVVP (Aluminum mylar shield)
- Bare stranded or solid copper conductor
- Flame retardant PVC insulation
- Flame retardant PVC jacket

應用

- 交換機及其它傳輸設備連接

APPLICATION

- For telecommunication and signal control system

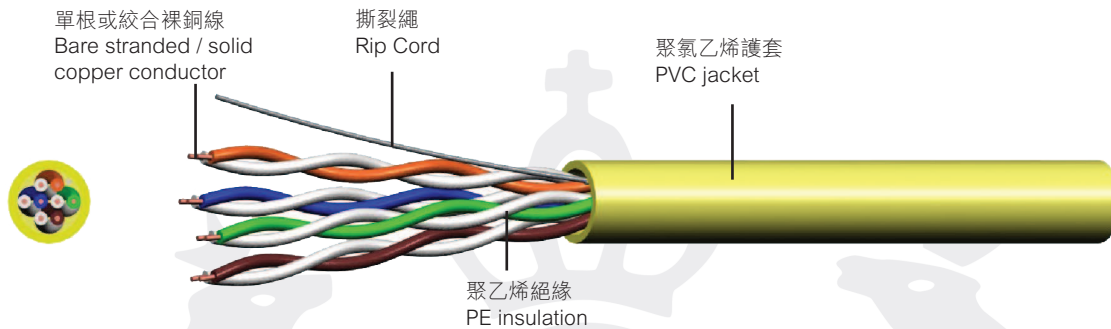
聚氯乙稀絕緣護套低頻通信局用電纜

LOW FREQUENCY TELECOMMUNICATION CABLES

導體結構 No. & diameter of wire (N/N/mm)	導體外徑 Conductor diameter (mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ · km) 20°C Min
2 X 1/0.5	0.5	3.0	12	500
3 X 1/0.5	0.5	3.4	17	500
4 X 1/0.5	0.5	4.0	22	500
6 X 1/0.5	0.5	4.6	30	500
8 X 1/0.5	0.5	5.2	36	500
10 X 1/0.5	0.5	5.6	43	500
12 X 1/0.5	0.5	6.0	50	500
14 X 1/0.5	0.5	6.5	59	500
16 X 1/0.5	0.5	7.4	74	500
18 X 1/0.5	0.5	7.8	81	500
20 X 1/0.5	0.5	8.3	89	500
30 X 1/0.5	0.5	9.5	124	500
40 X 1/0.5	0.5	10.4	154	500
50 X 1/0.5	0.5	12.2	198	500
60 X 1/0.5	0.5	12.6	226	500
100 X 1/0.5	0.5	15.7	358	500

ROYAL HORSE

超五類局部區域網絡電纜 CATEGORY 5E LAN CABLES



R.H. CMR UTP 4PR 24AWG ENHANCED CATEGORY 5 PATCH CABLE
or
R.H. TYPE CMR UTP 4PR 24AWG CATEGORY 5e CABLE

說明

- 工作溫度: 60°C, 75°C
- 標準: TIA/EIA 568A
- 型號: Cat 5e
- 導體使用單根或絞合裸銅線
- 聚乙烯絕緣
- 可選擇撕裂繩
- 聚氯乙烯或低煙無鹵料護套
- 耐燃程度: CMX, CM, MP, CMG, MPG, CMR, MPR

DESCRIPTION

- Rated temperature: 60°C, 75°C
- Reference standard: TIA/EIA 568A
- Model: Cat 5e
- Bare stranded or solid copper conductor
- Color-coded PE insulation
- Rip cord (optional)
- PVC or LSOH jacket
- Flammability grade: CMX, CM, MP, CMG, MPG, CMR, MPR

應用

- 100 Base-T4
- 100 Base-TX
- 100VG — AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps ATM
- Broad Band Video
- Fast Ethernet

APPLICATION

- 100 Base-T4
- 100 Base-TX
- 100VG – AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps ATM
- Broad Band Video
- Fast Ethernet

超五類局部區域網絡電纜 CATEGORY 5E LAN CABLES

類型 Construction	導體結構 No. & diameter of wire (N/mm)	絕緣外徑 Core Dimension (mm)	對數 No. of Pairs	平均外徑 Average overall diameter (mm)
UTP	1/0.51	0.91	4	5.1
Patch UTP #24	7/0.2	0.98	4	5.5

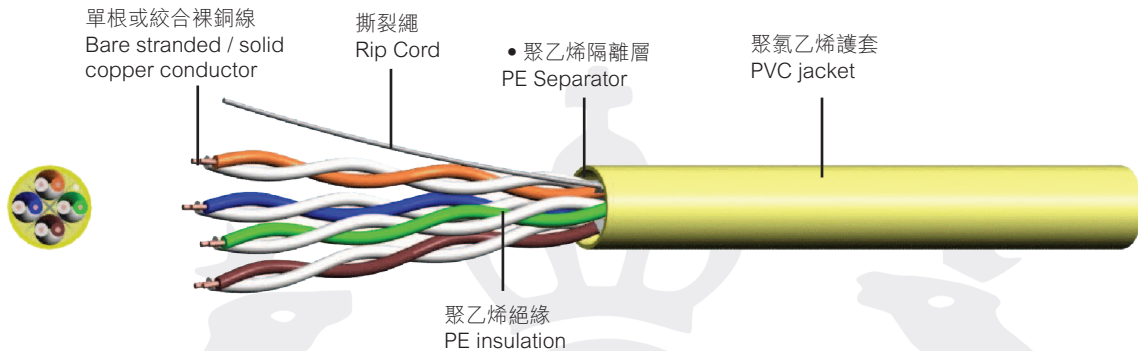
電氣特性 Electrical Properties

頻率 Frequency (MHz)	特性阻抗 Return Loss (dB)	衰減 Attenuation (dB/100m)		近端串音 NEXT Worst Pair (dB)	近端串音功率 和 NEXT Power Sum (dB)	等效遠端串音 ELFEXT Worst Pair (dB)	等效遠端串音功率 和 ELFEXT Power Sum (dB)
		UTP	Patch UTP				
0.772	19.4	1.8	2.2	67.0	64.0	66.0	63.0
1	20.0	2.0	2.4	65.3	62.3	63.8	60.8
4	23.0	4.1	4.9	56.3	53.3	51.7	48.7
8	24.5	5.8	6.9	51.8	48.8	45.7	42.7
10	25.0	6.5	7.8	50.3	47.3	43.8	40.8
16	25.0	8.2	9.9	47.3	44.3	39.7	36.7
20	25.0	9.3	11.1	45.8	42.8	37.7	34.7
25	24.3	10.4	12.5	44.3	41.3	35.8	32.8
31.25	23.6	11.7	14.1	42.9	39.9	33.9	30.9
62.5	21.5	17.0	20.4	38.4	35.4	27.8	24.8
100	20.1	22.0	26.4	35.3	32.3	23.8	20.8

備註 Note:

特性阻抗 Impedance : 100 ohm +/- 15%
 傳送速度 Nominal Propagation Velocity : 0.65C

六類局部區域網絡電纜 CATEGORY 6 LAN CABLES



R.H. TYPE CMR UTP 4PR 23AWG CATEGORY 6 CABLE
or
R.H. TYPE CMR FTP 4PR 23AWG CATEGORY 6 CABLE

說明

- 工作溫度: 60°C, 75°C
- 標準: TIA/EIA 568A
- 型號: Cat 6
- 導體使用單根或絞合裸銅線
- 聚乙烯絕緣
- 聚乙烯隔離層
- 可選擇撕裂繩
- 聚氯乙烯或低煙無鹵料護套
- 耐燃程度: CMX, CM, MP, CMG, MPG, CMR, MPR

DESCRIPTION

- Rated temperature: 60°C, 75°C
- Reference standard: TIA/EIA 568A
- Model: Cat 6
- Bare stranded or solid copper conductor
- Color-coded PE insulation
- PE Separator
- Rip cord (optional)
- PVC or LSOH jacket
- Flammability grade: CMX, CM, MP, CMG. MPG. CMR, MPR

應用

- 100 Base-T4
- 100 Base-TX
- 100VG — AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps ATM
- Broad Band Video
- Fast Ethernet

APPLICATION

- 100 Base-T4
- 100 Base-TX
- 100VG – AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps ATM
- Broad Band Video
- Fast Ethernet

六類局部區域網絡電纜 CATEGORY 6 LAN CABLES

類型 Construction	導體結構 No. & diameter of wire (N/mm)	絕緣外徑 Core Dimension (mm)	對數 No. of Pairs	平均外徑 Average overall diameter (mm)
UTP	1/0.57	1.02	4	6.0
Patch UTP	1/0.57	1.00	4	6.0
FTP	1/0.57	1.00	4	6.3

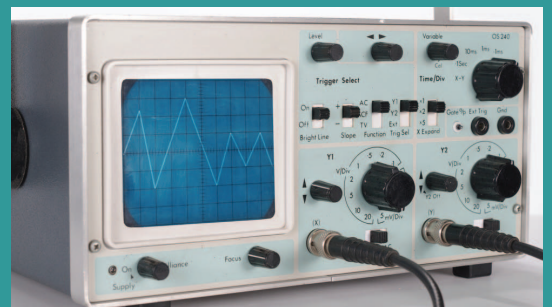
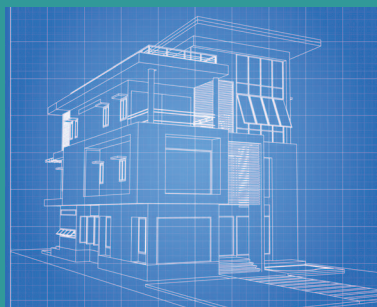
電氣特性 Electrical Properties

頻率 Frequency (MHz)	特性阻抗 Return Loss (dB)	衰減 Attenuation (dB/100m)		近端串音 NEXT Worst Pair (dB)	近端串音功率 和 NEXT Power Sum (dB)	等效遠 端串音 ELFEXT Worst Pair (dB)	等效遠 端串音功率 和 ELFEXT Power Sum (dB)
		UTP	Patch UTP				
0.772	19.4	1.8	2.2	76.0	74.0	70.0	67.0
1	20.0	2.0	2.4	74.3	72.3	67.8	64.8
4	23.0	3.8	4.6	65.3	63.3	55.8	52.8
8	24.5	5.3	6.4	60.8	58.8	49.7	46.7
10	25.0	6.0	7.2	59.3	57.3	47.8	44.8
16	25.0	7.6	9.1	56.2	54.2	43.7	40.7
20	25.0	8.5	10.2	54.8	52.8	41.8	38.8
25	24.3	9.5	11.5	53.3	51.3	39.8	36.8
31.25	23.6	10.7	12.9	51.9	49.9	37.9	34.9
62.5	21.5	15.4	18.6	47.4	45.4	31.9	28.9
100	20.1	19.8	23.9	44.3	42.3	27.8	24.8
200	18.0	29.0	35.0	39.8	37.8	21.8	18.8
250	17.3	32.8	39.4	38.3	36.3	19.8	16.8

備註 Note:

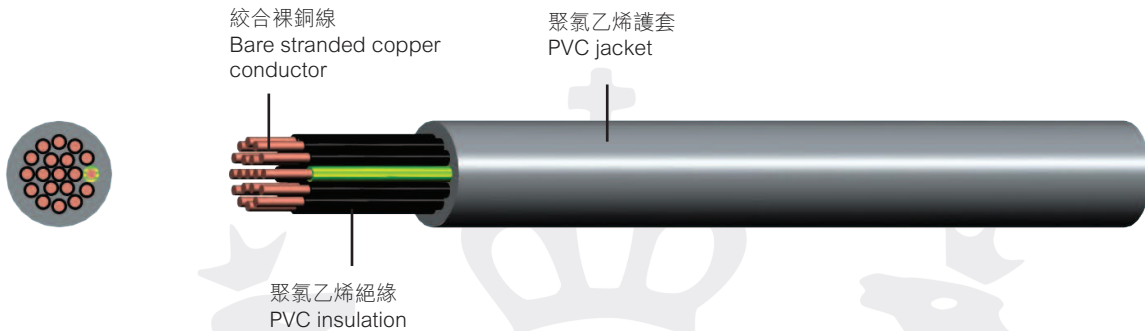
- 特性阻抗 Impedance (0.772MHz — 100.0MHz) : 100 ohm +/- 15%
- 特性阻抗 Impedance (200.0MHz — 250.0MHz) : 100 ohm +/- 22%
- 傳送速度 Nominal Propagation Velocity : 0.65C

控制信號電纜 INSTRUMENT AND SIGNAL CABLE



聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES



ROYAL HORSE 450/750V NxN.N SQMMPVC/PVC CABLE KVV GB/T9330 IEC60227

說明

- 工作溫度：70°C
- 額定電壓：450/750V
- 標準：GB/T9330.2 (IEC60227)
- 型號：KVV
- 導體使用單根或絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 控制、監控回路及保護線路等場合使用
- 敷設在室內、電纜溝、管道固定場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 450/750V
- Reference standard: GB/T9330.2 (IEC60227)
- Model: KVV
- Bare solid/stranded copper conductor
- PVC or flame retardant PVC insulation
- PVC or flame retardant PVC jacket

APPLICATION

- For control system, protective circuit and etc.
- Can be placed into trunk and conduit

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
2 X 0.75	1/0.98	6.4	8.0	92	0.012
2 X 0.75	7/0.37	6.6	8.4	99	0.014
2 X 1.0	1/1.13	6.8	8.4	100	0.011
2 X 1.0	7/0.43	6.8	8.8	107	0.013
2 X 1.5	1/1.38	7.6	9.4	128	0.011
2 X 1.5	7/0.52	7.8	10.0	137	0.01
2 X 2.5	1/1.78	8.6	10.5	181	0.01
2 X 2.5	7/0.67	9.0	11.5	193	0.01
2 X 4.0	1/2.25	9.6	11.5	231	0.0085
2 X 4.0	7/0.85	10.0	12.5	249	0.0077
2 X 6.0	1/2.76	10.5	12.5	289	0.007
2 X 6.0	7/1.04	11.0	14.0	309	0.0065
2 X 10	7/1.35	14.0	17.5	491	0.0065
3 X 0.75	1/0.98	6.8	8.4	104	0.012
3 X 0.75	7/0.37	7.0	8.8	112	0.014
3 X 1.0	1/1.13	7.0	8.8	115	0.011
3 X 1.0	7/0.43	7.2	9.2	121	0.013
3 X 1.5	1/1.38	8.0	9.8	148	0.011
3 X 1.5	7/0.52	8.2	10.5	169	0.01
3 X 2.5	1/1.78	9.2	11.0	213	0.01
3 X 2.5	7/0.67	9.4	12.0	228	0.01
3 X 4.0	1/2.25	10.0	12.5	279	0.0085
3 X 4.0	7/0.85	10.5	13.5	298	0.0077

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
3 X 6.0	1/2.76	11.5	14.0	375	0.007
3 X 6.0	7/1.04	12.0	15.0	398	0.0065
3 X 10	7/1.35	14.5	18.5	512	0.0065
4 X 0.75	1/0.97	7.2	9.0	119	0.012
4 X 0.75	7/0.37	7.4	9.6	128	0.014
4 X 1.0	1/1.13	7.6	9.4	135	0.011
4 X 1.0	7/0.43	7.8	10.0	145	0.013
4 X 1.5	1/1.38	8.6	10.5	187	0.011
4 X 1.5	7/0.52	9.0	11.5	200	0.01
4 X 2.5	1/1.78	10.0	12.0	257	0.01
4 X 2.5	7/0.67	10.0	13.0	274	0.01
4 X 4.0	1/2.25	11.5	14.0	353	0.0085
4 X 4.0	7/0.85	12.0	15.0	376	0.0077
4 X 6.0	1/2.76	12.5	15.0	455	0.007
4 X 6.0	7/1.04	13.0	16.5	487	0.0065
4 X 10	7/1.35	16.0	20.0	749	0.0065
5 X 0.75	1/0.97	7.8	9.6	140	0.012
5 X 0.75	7/0.37	8.0	10.5	150	0.014
5 X 1.0	1/1.13	8.2	10.0	166	0.011
5 X 1.0	7/0.43	8.4	11.0	178	0.013
5 X 1.5	1/1.38	9.4	11.5	219	0.011
5 X 1.5	7/0.52	9.8	12.5	234	0.01
5 X 2.5	1/1.78	11.5	14.0	304	0.01
5 X 2.5	7/0.67	11.5	14.5	324	0.01

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
5 X 4.0	1/2.25	12.5	15.0	419	0.0085
5 X 4.0	7/0.85	13.0	16.5	447	0.0077
5 X 6.0	1/2.76	14.0	16.5	549	0.007
5 X 6.0	7/1.04	14.5	18.0	583	0.0065
5 X 10	7/1.35	18.0	22.5	915	0.0065
7 X 0.75	1/0.97	8.4	10.5	140	0.012
7 X 0.75	7/0.37	8.8	11.0	150	0.014
7 X 1.0	1/1.13	9.0	11.0	160	0.011
7 X 1.0	7/0.43	9.2	11.5	172	0.013
7 X 1.5	1/1.38	10.0	12.5	219	0.011
7 X 1.5	7/0.52	10.5	13.5	236	0.01
7 X 2.5	1/1.78	12.5	15.0	327	0.01
7 X 2.5	7/0.67	12.5	16.0	352	0.01
7 X 4.0	1/2.25	13.5	16.5	529	0.0085
7 X 4.0	7/0.85	14.0	17.5	563	0.0077
7 X 6.0	1/2.76	15.0	18.0	690	0.007
7 X 6.0	7/1.04	15.5	19.5	735	0.0065
7 X 10	7/1.35	20.0	24.0	1169	0.0065
8 X 0.75	1/0.97	9.4	11.5	160	0.012
8 X 0.75	7/0.37	9.6	12.0	172	0.014
8 X 1.0	1/1.13	10.0	12.0	184	0.011
8 X 1.0	7/0.43	10.0	13.0	197	0.013
8 X 1.5	1/1.38	12.0	14.5	258	0.011
8 X 1.5	7/0.52	12.5	15.5	278	0.01

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
8 X 2.5	1/1.78	14.0	16.5	377	0.01
8 X 2.5	7/0.67	14.0	17.5	406	0.01
8 X 4.0	1/2.25	15.5	18.0	605	0.0085
8 X 4.0	7/0.85	16.0	19.5	645	0.0077
8 X 6.0	1/2.76	17.5	20.0	807	0.007
8 X 6.0	7/1.04	18.0	22.0	857	0.0065
8 X 10	7/1.35	22.5	27.0	1343	0.0065
10 X 0.75	1/0.97	10.5	12.5	195	0.012
10 X 0.75	7/0.37	10.5	13.5	209	0.014
10 X 1.0	1/1.13	11.5	14.0	224	0.011
10 X 1.0	7/0.43	12.0	15.0	240	0.013
10 X 1.5	1/1.38	13.5	16.0	316	0.011
10 X 1.5	7/0.52	14.0	17.0	341	0.01
10 X 2.5	1/1.78	15.5	18.5	464	0.01
10 X 2.5	7/0.67	16.0	19.5	500	0.01
10 X 4.0	1/2.25	18.0	20.5	740	0.0085
10 X 4.0	7/0.85	18.5	22.5	809	0.0077
10 X 6.0	1/2.76	19.5	22.5	990	0.007
10 X 6.0	7/1.04	20.5	25.0	1052	0.0065
10 X 10	7/1.35	25.5	30.5	1655	0.0065
12 X 0.75	1/0.97	11.5	13.5	223	0.012
12 X 0.75	7/0.37	11.5	14.5	272	0.014
12 X 1.0	1/1.13	12.0	14.5	258	0.011
12 X 1.0	7/0.43	12.5	15.5	277	0.013
12 X 1.5	1/1.38	14.0	16.5	357	0.011

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
12 X 1.5	7/0.52	14.0	17.5	382	0.01
12 X 2.5	1/1.78	16.0	19.0	528	0.01
12 X 2.5	7/0.67	16.5	20.5	569	0.01
12 X 4.0	1/2.25	18.5	21.5	858	0.0085
12 X 4.0	7/0.85	19.0	23.0	912	0.0077
12 X 6.0	1/2.76	20.5	23.5	1127	0.007
12 X 6.0	7/1.04	21.0	26.0	1196	0.0065
14 X 0.75	1/0.97	12.0	14.5	250	0.012
14 X 0.75	7/0.37	12.0	15.0	268	0.014
14 X 1.0	1/1.13	12.5	15.0	290	0.011
14 X 1.0	7/0.43	13.0	16.0	311	0.013
14 X 1.5	1/1.38	14.5	17.0	404	0.011
14 X 1.5	7/0.52	15.0	18.5	435	0.01
14 X 2.5	1/1.78	17.0	19.5	601	0.01
14 X 2.5	7/0.67	17.5	21.5	647	0.01
14 X 4.0	1/2.25	19.5	22.5	976	0.0085
14 X 4.0	7/0.85	20.0	24.5	1031	0.0077
14 X 6.0	1/2.76	21.5	24.5	1280	0.007
14 X 6.0	7/1.04	22.5	27.0	1357	0.0065
16 X 0.75	1/0.97	12.5	15.0	279	0.012
16 X 0.75	7/0.37	13.0	16.0	299	0.014
16 X 1.0	1/1.13	13.0	15.5	325	0.011
16 X 1.0	7/0.43	13.5	17.0	348	0.013
16 X 1.5	1/1.38	15.0	18.0	454	0.011
16 X 1.5	7/0.52	15.5	19.5	488	0.01

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
16 X 2.5	1/1.78	18.0	21.0	694	0.01
16 X 2.5	7/0.67	19.0	23.0	747	0.01
19 X 0.75	1/0.97	13.0	15.5	316	0.012
19 X 0.75	7/0.37	13.5	16.5	339	0.014
19 X 1.0	1/1.13	14.0	16.5	369	0.011
19 X 1.0	7/0.43	14.5	17.5	395	0.013
19 X 1.5	1/1.38	16.0	19.0	519	0.011
19 X 1.5	7/0.52	16.5	20.5	556	0.01
19 X 2.5	1/1.78	19.0	22.0	793	0.01
19 X 2.5	7/0.67	20.0	24.0	854	0.01
24 X 0.75	1/0.97	15.0	18.0	394	0.012
24 X 0.75	7/0.37	15.5	19.0	422	0.014
24 X 1.0	1/1.13	16.0	19.0	461	0.011
24 X 1.0	7/0.43	16.5	20.5	494	0.013
24 X 1.5	1/1.38	19.0	22.0	665	0.011
24 X 1.5	7/0.52	20.0	24.0	716	0.01
24 X 2.5	1/1.78	22.5	25.5	995	0.01
24 X 2.5	7/0.67	23.0	28.0	1072	0.01
27 X 0.75	1/0.97	15.5	18.0	428	0.012
27 X 0.75	7/0.37	16.0	19.5	518	0.014
27 X 1.0	1/1.13	16.5	19.0	504	0.011
27 X 1.0	7/0.43	17.0	20.5	540	0.013
27 X 1.5	1/1.38	19.5	22.5	727	0.011
27 X 1.5	7/0.52	20.0	24.5	778	0.01

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

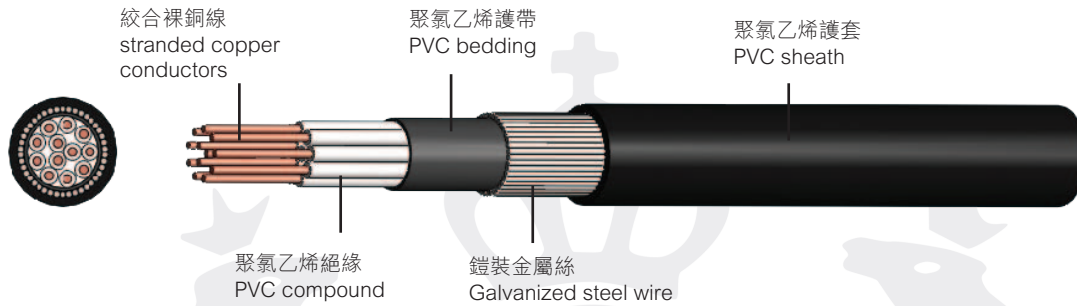
截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
27 X 2.5	1/1.78	23.0	26.0	1093	0.01
27 X 2.5	7/0.67	23.5	28.5	1177	0.01
30 X 0.75	1/0.97	16.0	19.0	466	0.012
30 X 0.75	7/0.37	16.5	20.0	499	0.014
30 X 1.0	1/1.13	17.5	20.5	566	0.011
30 X 1.0	7/0.43	18.0	22.0	606	0.013
30 X 1.5	1/1.38	20.0	23.0	795	0.011
30 X 1.5	7/0.52	21.0	25.0	856	0.01
30 X 2.5	1/1.78	24.0	27.0	1199	0.01
30 X 2.5	7/0.67	24.5	29.5	1291	0.01
37 X 0.75	1/0.97	17.5	20.5	572	0.012
37 X 0.75	7/0.37	18.0	22.0	613	0.014
37 X 1.0	1/1.13	18.5	21.5	674	0.011
37 X 1.0	7/0.43	19.5	23.5	722	0.013
37 X 1.5	1/1.38	21.5	25.0	950	0.011
37 X 1.5	7/0.52	22.5	27.0	1022	0.01
37 X 2.5	1/1.78	25.5	29.0	1440	0.01
37 X 2.5	7/0.67	26.5	31.5	1551	0.01
44 X 0.75	1/0.97	19.5	23.0	674	0.012
44 X 0.75	7/0.37	20.5	24.5	722	0.014
44 X 1.0	1/1.13	21.0	24.0	795	0.011
44 X 1.0	7/0.43	21.5	26.0	851	0.013
44 X 1.5	1/1.38	24.5	28.0	1123	0.011
44 X 1.5	7/0.52	25.5	30.5	1209	0.01

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
44 X 2.5	1/1.78	29.5	33.5	1748	0.01
44 X 2.5	7/0.67	30.5	36.0	1882	0.01
48 X 0.75	1/0.97	20.0	23.0	716	0.012
48 X 0.75	7/0.37	20.5	25.5	767	0.014
52 X 1.0	1/1.13	22.0	25.0	847	0.011
52 X 1.0	7/0.43	22.5	27.0	907	0.013
52 X 1.5	1/1.38	25.5	29.0	1187	0.011
52 X 1.5	7/0.52	26.5	31.5	1289	0.01
52 X 2.5	1/1.78	31.0	35.0	1866	0.01
52 X 2.5	7/0.67	32.0	38.0	2010	0.01
61 X 0.75	1/0.97	22.0	25.0	882	0.012
61 X 0.75	7/0.37	22.5	27.0	944	0.014
61 X 1.0	1/1.13	23.0	26.5	1047	0.011
61 X 1.0	7/0.43	24.0	28.5	1121	0.013
61 X 1.5	1/1.38	27.5	31.5	1526	0.011
61 X 1.5	7/0.52	28.5	34.0	1642	0.01
61 X 2.5	1/1.78	33.0	37.5	2354	0.01
61 X 2.5	7/0.67	34.0	40.5	2535	0.01

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套多芯控制電纜 PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES



ROYAL HORSE 450/750V N*NN SQMM PVC/SWA/PVC CABLE GB/T9330

說明

- 工作溫度: 70 °C
- 額定電壓: 450/750V
- 標準: GB/T9330
- 型號: KVV₃₂
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙稀絕緣
- 阻燃聚氯乙稀護帶
- 鎧裝金屬絲
- 阻燃聚氯乙稀護套

應用

- 地低電纜
- 能承受機械外力和相當的拉力
- 電源和輔助控制電纜，電網，地下，室外，室內和在電纜管道

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 450/750V
- Reference Standard: GB/T9330
- Model: KVV₃₂
- Bare stranded or solid copper conductor
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents
- For power networks, underground, outdoors, indoors and in cable ducting

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套多芯控制電纜
PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
4x1.5	1/1.38	13.6	376	0.011
4x2.5	1/1.78	15.0	474	0.010
4x4.0	1/2.25	16.2	580	0.0085
4x6.0	1/2.76	18.0	786	0.007
4x10	7/1.35	23.3	1340	0.0065
5x1.5	1/1.38	14.4	424	0.011
5x2.5	1/1.78	16.0	538	0.010
5x4.0	1/2.25	17.9	752	0.0085
5x6.0	1/2.76	19.7	922	0.007
5x10	7/1.35	25.1	1550	0.0065
6x1.5	1/1.38	15.2	470	0.011
6x2.5	1/1.78	17.0	611	0.010
6x4.0	1/2.25	19.5	864	0.0085
6x6.0	1/2.76	21.0	1058	0.007
6x10	7/1.35	26.9	1787	0.0065
7x1.5	1/1.38	15.2	479	0.011
7x2.5	1/1.78	17.0	631	0.010
7x4.0	1/2.25	19.5	895	0.0085
7x6.0	1/2.76	21.0	1104	0.007
7x10	7/1.35	26.9	1864	0.0065

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套多芯控制電纜
PVC INSULATED, STEEL WIRE ARMoured,
PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistancee (MΩ/km) 70°C Min
8x1.5	1/1.38	16.0	533	0.011
8x2.5	1/1.78	19.0	801	0.010
8x4.0	1/2.25	20.7	1009	0.0085
8x6.0	1/2.76	23.1	1363	0.007
8x10	7/1.35	28.7	2087	0.0065
10x1.5	1/1.38	19.0	741	0.011
10x2.5	1/1.78	22.2	1082	0.010
10x4.0	1/2.25	24.2	1350	0.0085
10x6.0	1/2.76	26.2	1649	0.007
10x10	7/1.35	34.4	2803	0.0065
12x1.5	1/1.38	19.8	817	0.011
12x2.5	1/1.78	23.1	1204	0.010
12x4.0	1/2.25	25.2	1510	0.0085
12x6.0	1/2.76	27.3	1843	0.007
12x10	7/1.35	36.1	3162	0.0065
14x1.5	1/1.38	20.6	891	0.011
14x2.5	1/1.78	24.0	1317	0.010
14x4.0	1/2.25	26.2	1652	0.0085
14x6.0	1/2.76	28.4	2031	0.007
14x10	7/1.35	37.7	3513	0.0065
16x0.75	1/0.98	17.5	599	0.012
16x1.0	1/1.13	18.4	680	0.011
16x1.5	1/1.38	21.4	965	0.011
16x2.5	1/1.78	25.0	1433	0.010

聚氯乙烯絕緣、鋼絲鎧裝、聚氯乙烯護套多芯控制電纜
PVC INSULATED, STEEL WIRE ARMoured,
PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
19x0.75	1/0.98	18.2	658	0.012
19x1.0	1/1.13	19.1	739	0.011
19x1.5	1/1.38	23.0	1190	0.011
19x2.5	1/1.78	26.0	1571	0.010
24x0.75	1/0.98	22.2	1048	0.012
24x1.0	1/1.13	22.8	1133	0.011
24x1.5	1/1.38	25.8	1442	0.011
24x2.5	1/1.78	30.0	1936	0.010
27x0.75	1/0.98	22.5	1083	0.012
27x1.0	1/1.13	23.2	1180	0.011
27x1.5	1/1.38	26.2	1507	0.011
27x2.5	1/1.78	30.5	2057	0.010
30x0.75	1/0.98	23.1	1140	0.012
30x1.0	1/1.13	23.8	1245	0.011
30x1.5	1/1.38	27.0	1613	0.011
30x2.5	1/1.78	31.4	2204	0.010
37x0.75	1/0.98	24.4	1290	0.012
37x1.0	1/1.13	25.1	1412	0.011
37x1.5	1/1.38	29.2	1870	0.011
37x2.5	1/1.78	34.6	2777	0.010
44x0.75	1/0.98	26.6	1473	0.012
44x1.0	1/1.13	27.4	1632	0.011
44x1.5	1/1.38	32.0	2148	0.011
44x2.5	1/1.78	38.0	3204	0.010

聚氯乙稀絕緣、鋼絲鎧裝、聚氯乙稀護套多芯控制電纜 PVC INSULATED, STEEL WIRE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistanece (MΩ/km) 70°C Min
48x0.75	1/0.98	26.9	1532	0.012
48x1.0	1/1.13	28.4	1728	0.011
48x1.5	1/1.38	33.2	2441	0.011
48x2.5	1/1.78	38.5	3352	0.010
52x0.75	1/0.98	27.5	1607	0.012
52x1.0	1/1.13	29.0	1813	0.011
52x1.5	1/1.38	34.0	2593	0.011
52x2.5	1/1.78	39.4	3533	0.010
61x0.75	1/0.98	29.4	1805	0.012
61x1.0	1/1.13	30.3	2009	0.011
61x1.5	1/1.38	36.0	2892	0.011
61x2.5	1/1.78	42.0	4003	0.010

* 芯線識別 **Core Identification**

5芯：綠色/黃色，藍色，棕色，黑色，灰色

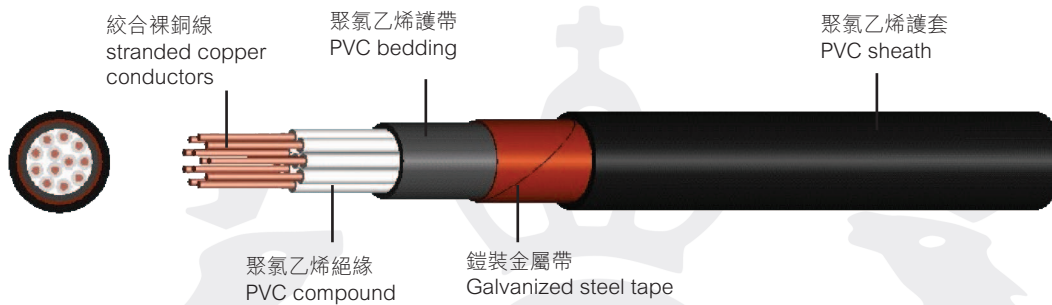
其它識別選擇：白色芯線印上黑色的數字

5 Cores: Green/Yellow, Blue, Brown, Black, Grey

Alternative core identification: White Cores with Black numbers

聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套多芯控制電纜

PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES



ROYAL HORSE 450/750V N×NN SQMM PVC/STA/PVC CABLE GB/T9330

說明

- 工作溫度: 70 °C
- 額定電壓: 450/750V
- 標準: GB/T9330
- 型號: KVV₂₂
- 導體使用單根或絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 阻燃聚氯乙烯護帶
- 鎧裝金屬帶
- 阻燃聚氯乙烯護套

應用

- 地底電纜
- 能承受機械外力和相當的壓力
- 電源和輔助控制電纜，電網，地下，室外，室內和在電纜管道

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 450/750V
- Reference Standard: GB/T9330
- Model: KVV₂₂
- Bare stranded or solid copper conductor
- Flame retardant insulated with PVC compound
- PVC bedded
- Galvanized steel tape armoured
- Flame retardant PVC sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- Protection against mechanical aggressions and rodents
- For power networks, underground, outdoors, indoors and in cable ducting

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套多芯控制電纜 PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistancee (Ω/km) 20°C Max
4x0.75	1/0.98	11.1	210	0.012
4x1.0	1/1.13	11.4	227	0.011
4x1.5	1/1.38	12.6	282	0.011
4x2.5	1/1.78	14.0	363	0.010
4x4.0	1/2.25	15.2	459	0.0085
4x6.0	1/2.76	16.4	567	0.007
4x10	7/1.35	20.9	910	0.0065
5x0.75	1/0.98	11.7	236	0.012
5x1.0	1/1.13	12.0	256	0.011
5x1.5	1/1.38	13.4	322	0.011
5x2.5	1/1.78	15.0	420	0.010
5x4.0	1/2.25	16.3	533	0.0085
5x6.0	1/2.76	18.1	685	0.007
5x10	7/1.35	22.7	1081	0.0065
6x0.75	1/0.98	12.4	265	0.012
6x1.0	1/1.13	12.7	287	0.011
6x1.5	1/1.38	14.2	362	0.011
6x2.5	1/1.78	16.0	479	0.010
6x4.0	1/2.25	17.6	617	0.0085
6x6.0	1/2.76	19.4	791	0.007
6x10	7/1.35	24.5	1262	0.0065
7x0.75	1/0.98	12.4	270	0.012

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套多芯控制電纜

PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistancee (Ω/km) 20°C Max
7x1.0	1/1.13	12.7	294	0.011
7x1.5	1/1.38	14.2	373	0.011
7x2.5	1/1.78	16.0	498	0.010
7x4.0	1/2.25	17.5	647	0.0085
7x6.0	1/2.76	19.4	837	0.007
7x10	7/1.35	24.5	1340	0.0065
8x0.75	1/0.98	13.1	299	0.012
8x1.0	1/1.13	13.4	326	0.011
8x1.5	1/1.38	15.0	415	0.011
8x2.5	1/1.78	17.0	560	0.010
8x4.0	1/2.25	19.1	750	0.0085
8x6.0	1/2.76	20.7	947	0.007
8x10	7/1.35	26.3	1527	0.0065
10x0.75	1/0.98	14.6	352	0.012
10x1.0	1/1.13	15.0	387	0.011
10x1.5	1/1.38	17.0	499	0.011
10x2.5	1/1.78	19.8	694	0.010
10x4.0	1/2.25	21.8	909	0.0085
10x6.0	1/2.76	23.8	1155	0.007
10x10	7/1.35	31.2	1916	0.0065
12x0.75	1/0.98	15.3	396	0.012

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套多芯控制電纜 PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistancee (Ω/km) 20°C Max
12x1.0	1/1.13	15.8	438	0.011
12x1.5	1/1.38	17.8	563	0.011
12x2.5	1/1.78	20.7	787	0.010
12x4.0	1/2.25	22.8	1041	0.0085
12x6.0	1/2.76	24.9	1324	0.007
12x10	7/1.35	32.5	2196	0.0065
14x0.75	1/0.98	15.9	431	0.012
14x1.0	1/1.13	16.4	478	0.011
14x1.5	1/1.38	19.0	639	0.011
14x2.5	1/1.78	21.6	873	0.010
14x4.0	1/2.25	23.8	1156	0.0085
14x6.0	1/2.76	26.0	1486	0.007
14x10	7/1.35	34.1	2478	0.0065
16x0.75	1/0.98	16.5	467	0.012
16x1.0	1/1.13	17.0	521	0.011
16x1.5	1/1.38	19.8	699	0.011
16x2.5	1/1.78	22.6	964	0.010
19x0.75	1/0.98	17.2	512	0.012
19x1.0	1/1.13	18.1	591	0.011
19x1.5	1/1.38	20.6	773	0.011
19x2.5	1/1.78	23.6	1076	0.010

聚氯乙稀絕緣、鋼帶鎧裝、聚氯乙稀護套多芯控制電纜

PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistancee (Ω/km) 20°C Max
24x0.75	1/0.98	19.8	639	0.012
24x1.0	1/1.13	20.4	715	0.011
24x1.5	1/1.38	23.4	944	0.011
24x2.5	1/1.78	27.0	1319	0.010
27x0.75	1/0.98	20.1	678	0.012
27x1.0	1/1.13	20.8	764	0.011
27x1.5	1/1.38	23.8	1011	0.011
27x2.5	1/1.78	27.5	1427	0.010
30x0.75	1/0.98	20.7	725	0.012
30x1.0	1/1.13	21.4	817	0.011
30x1.5	1/1.38	24.6	1091	0.011
30x2.5	1/1.78	29.0	1585	0.010
37x0.75	1/0.98	22.0	833	0.012
37x1.0	1/1.13	22.7	944	0.011
37x1.5	1/1.38	26.2	1266	0.011
37x2.5	1/1.78	32.2	2195	0.010
44x0.75	1/0.98	24.2	964	0.012
44x1.0	1/1.13	25.0	1096	0.011
44x1.5	1/1.38	29.6	1517	0.011
44x2.5	1/1.78	36.0	2585	0.010

聚氯乙烯絕緣、鋼帶鎧裝、聚氯乙烯護套多芯控制電纜

PVC INSULATED, STEEL TAPE ARMoured, PVC SHEATHED MULTI-CORE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)	導體最大電阻 Insulation Resistanece (Ω/km) 20°C Max
48x0.75	1/0.98	24.5	1009	0.012
48x1.0	1/1.13	25.4	1152	0.011
48x1.5	1/1.38	31.2	1926	0.011
48x2.5	1/1.78	36.5	2717	0.010
52x0.75	1/0.98	25.1	1071	0.012
52x1.0	1/1.13	26.0	1225	0.011
52x1.5	1/1.38	32.0	2041	0.011
52x2.5	1/1.78	37.4	2889	0.010
61x0.75	1/0.98	26.4	1201	0.012
61x1.0	1/1.13	27.3	1378	0.011
61x1.5	1/1.38	33.6	2278	0.011
61x2.5	1/1.78	39.4	3249	0.010

* 芯線識別 Core Identification

5芯：綠色/黃色，藍色，棕色，黑色，灰色

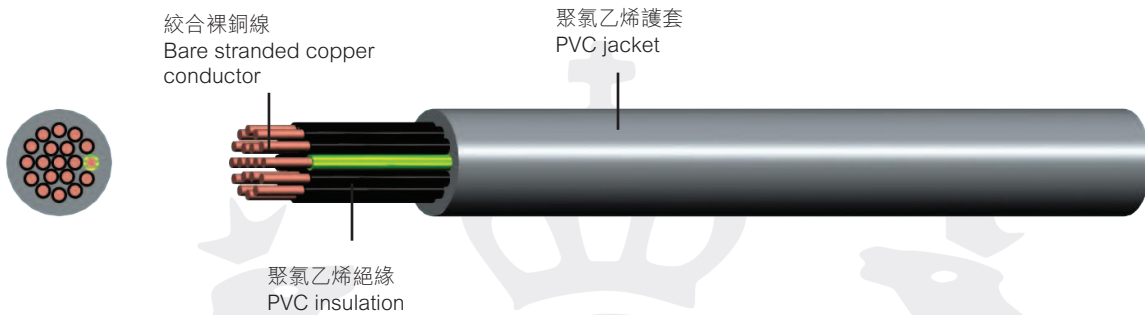
其它識別選擇：白色芯線印上黑色的數字

5 Cores: Green/Yellow, Blue, Brown, Black, Grey

Alternative core identification: White Cores with Black numbers

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLES



ROYAL HORSE 450/750V KVVVR NxN.Nmm² PVC / PVC CABLE GB/T9330 (IEC60227)

說明

- 工作溫度：70°C
- 額定電壓：450/750V
- 標準：GB/T9330.2, IEC60227
- 型號：KVVVR
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 控制、監控回路及保護線路等場合使用
- 敷設在室內、移動要求柔軟等場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 450/750V
- Reference standard: GB/T9330.2, IEC60227
- Model: KVVVR
- Bare fine copper conductor
- PVC or flame retardant PVC insulation
- PVC or flame retardant PVC jacket

APPLICATION

- For control system, protective circuit and etc.
- Can be placed indoor, mobile and flexible occasion

聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
4 X 0.50	17/0.19	7.2	9.0	78	0.012
4 X 0.75	26/0.19	7.6	9.4	94	0.010
4 X 1.00	35/0.19	8.0	10.0	111	0.010
4 X 1.50	30/0.25	9.0	11.5	152	0.010
4 X 2.50	50/0.25	10.5	13.0	222	0.009
5 X 0.50	17/0.19	7.8	9.6	93	0.012
5 X 0.75	26/0.19	8.4	10.5	113	0.010
5 X 1.00	35/0.19	8.8	11.0	133	0.010
5 X 1.50	30/0.25	9.8	12.0	187	0.010
5 X 2.50	50/0.25	12.0	14.5	286	0.009
6 X 0.50	17/0.19	8.4	10.2	107	0.012
6 X 0.75	26/0.19	8.9	11.2	132	0.010
6 X 1.00	35/0.19	9.5	11.7	156	0.010
6 X 1.50	30/0.25	10.7	12.9	216	0.010
6 X 2.50	50/0.25	13.1	15.6	337	0.009
7 X 0.50	17/0.19	8.4	10.5	111	0.012
7 X 0.75	26/0.19	9.0	11.0	138	0.010
7 X 1.00	35/0.19	9.6	11.5	164	0.010
7 X 1.50	30/0.25	10.5	13.0	228	0.010
7 X 2.50	50/0.25	13.0	16.0	356	0.009

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
8 X 0.50	17/0.19	9.4	11.5	127	0.012
8 X 0.75	26/0.19	10.0	12.0	158	0.010
8 X 1.00	35/0.19	10.5	13.0	188	0.010
8 X 1.50	30/0.25	12.5	15.0	279	0.010
8 X 2.50	50/0.25	15.0	17.5	410	0.009
10 X 0.50	17/0.19	10.5	12.5	155	0.012
10 X 0.75	26/0.19	11.0	13.5	193	0.010
10 X 1.00	35/0.19	12.5	15.0	248	0.010
10 X 1.50	30/0.25	14.0	17.0	343	0.010
10 X 2.50	50/0.25	16.5	19.5	505	0.009
12 X 0.50	17/0.19	10.5	13.0	173	0.012
12 X 0.75	26/0.19	12.0	14.5	234	0.010
12 X 1.00	35/0.19	12.5	15.5	278	0.010
12 X 1.50	30/0.25	14.5	17.5	387	0.010
12 X 2.50	50/0.25	17.5	20.5	574	0.009
14 X 0.50	17/0.19	11.0	13.5	194	0.012
14 X 0.75	26/0.19	12.5	15.0	262	0.010
14 X 1.00	35/0.19	13.5	16.0	313	0.010
14 X 1.50	30/0.25	15.0	18.0	438	0.010
14 X 2.50	50/0.25	18.0	21.0	652	0.009
16 X 0.50	17/0.19	12.5	15.0	234	0.012
16 X 0.75	26/0.19	13.5	16.0	292	0.010
16 X 1.00	35/0.19	14.0	17.0	351	0.010
16 X 1.50	30/0.25	16.0	19.0	491	0.010

聚氯乙烯絕緣護套控制電纜

PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistance (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
16 X 2.50	50/0.25	19.5	23.0	754	0.009
19 X 0.50	17/0.19	13.0	15.5	263	0.012
19 X 0.75	26/0.19	14.0	16.5	330	0.010
19 X 1.00	35/0.19	15.0	17.5	396	0.010
19 X 1.50	30/0.25	16.5	20.0	560	0.010
19 X 2.50	50/0.25	20.5	24.0	860	0.009
24 X 0.50	17/0.19	15.0	18.0	326	0.012
24 X 0.75	26/0.19	16.0	19.0	412	0.010
24 X 1.00	35/0.19	17.0	20.0	495	0.010
24 X 1.50	30/0.25	20.0	23.5	721	0.010
24 X 2.50	50/0.25	24.0	27.5	1079	0.009
27 X 0.50	17/0.19	15.0	18.0	354	0.012
27 X 0.75	26/0.19	16.5	19.5	448	0.010
27 X 1.00	35/0.19	17.5	20.5	541	0.010
27 X 1.50	30/0.25	20.5	24.0	788	0.010
27 X 2.50	50/0.25	24.5	28.5	1185	0.009
30 X 0.50	17/0.19	16.0	18.5	384	0.012
30 X 0.75	26/0.19	17.0	20.0	488	0.010
30 X 1.00	35/0.19	18.5	21.5	608	0.010
30 X 1.50	30/0.25	21.0	25.0	862	0.010
30 X 2.50	50/0.25	25.5	29.5	1299	0.009
37 X 0.50	17/0.19	17.0	20.0	454	0.012
37 X 0.75	26/0.19	19.0	21.5	598	0.010
37 X 1.00	35/0.19	20.0	23.5	723	0.010
37 X 1.50	30/0.25	22.5	27.0	1030	0.010

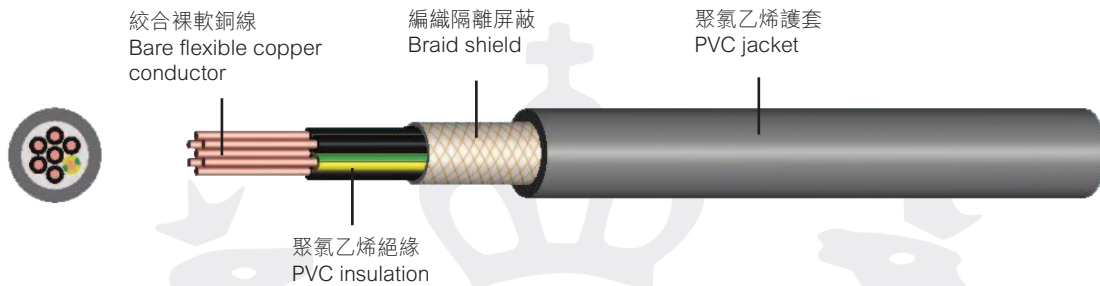
聚氯乙稀絕緣護套控制電纜

PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)		參考重量 Reference weight (kg/km)	最小絕緣電阻 Insulation Resistanece (MΩ/km) 70°C Min
		下限 Lower limit	上限 Upper limit		
37 X 2.50	50/0.25	27.5	31.5	1559	0.009
44 X 0.50	17/0.19	19.5	22.5	554	0.012
44 X 0.75	26/0.19	21.0	24.5	705	0.010
44 X 1.00	35/0.19	22.5	26.0	853	0.010
44 X 1.50	30/0.25	25.5	30.0	1218	0.010
44 X 2.50	50/0.25	32.0	36.0	1893	0.009
48 X 0.50	17/0.19	20.0	23.0	589	0.012
48 X 0.75	26/0.19	21.5	25.0	754	0.010
48 X 1.00	35/0.19	23.0	26.5	913	0.010
48 X 1.50	30/0.25	26.0	30.5	1307	0.010
48 X 2.50	50/0.25	32.5	36.5	2033	0.009
52 X 0.50	17/0.19	20.5	23.5	628	0.012
52 X 0.75	26/0.19	22.0	25.5	805	0.010
52 X 1.00	35/0.19	23.5	27.0	977	0.010
52 X 1.50	30/0.25	26.5	31.0	1399	0.010
52 X 2.50	50/0.25	33.0	37.5	2179	0.009
61 X 0.50	17/0.19	21.5	25.0	717	0.012
61 X 0.75	26/0.19	23.5	27.0	922	0.010
61 X 1.00	35/0.19	25.0	28.5	1122	0.010
61 X 1.50	30/0.25	29.0	33.5	1654	0.010
61 X 2.50	50/0.25	35.5	40.5	2547	0.009

聚氯乙烯絕緣護套控制屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES



ROYAL HORSE 450/750V KVV RP NxN.Nmm² PVC/PVC CABLE GB/T9330 (IEC60227)

說明

- 工作溫度：70℃
- 額定電壓：450/750V
- 標準：GB/T9330.2, IEC60227
- 型號：KVV RP
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 鍍錫或裸銅線編織屏蔽
- 聚氯乙烯或阻燃聚氯乙烯護套

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 450/750V
- Reference standard: GB/T9330.2, IEC60227
- Model: KVV RP
- Bare flexible copper conductor
- PVC or flame retardant PVC insulation
- Tinned or bare copper wire braid shield available
- PVC or flame retardant PVC jacket

應用

- 控制、監控回路及保護線路等場合使用
- 敷設在室內、移動要求柔軟、防干擾等場合

APPLICATION

- For control system, protective circuit and etc.
- Can be placed indoor, flexible moving, anti-interference and other occasions

聚氯乙稀絕緣護套控制屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電阻 Ω/km Resistance at 20°C Max
2 X 0.5	17/0.19	7.9	81	39.0
2 X 0.75	26/0.19	8.3	90	26.0
2 X 1.0	35/0.19	8.7	103	19.5
2 X 1.5	30/0.25	9.7	130	13.3
2 X 2.5	50/0.25	11.1	172	7.98
3 X 0.5	17/0.19	8.2	95	39.0
3 X 0.75	26/0.19	8.6	107	26.0
3 X 1.0	35/0.19	9.0	122	19.5
3 X 1.5	30/0.25	10.1	158	13.3
3 X 2.5	50/0.25	12.0	223	7.98
4 X 0.5	17/0.19	8.7	110	39.0
4 X 0.75	26/0.19	9.2	127	26.0
4 X 1.0	35/0.19	9.7	145	19.5
4 X 1.5	30/0.25	10.9	189	13.3
4 X 2.5	50/0.25	13.0	272	7.98
5 X 0.5	17/0.19	9.3	128	39.0
5 X 0.75	26/0.19	9.9	149	26.0
5 X 1.0	35/0.19	10.4	170	19.5
5 X 1.5	30/0.25	11.7	222	13.3
5 X 2.5	50/0.25	11.1	320	7.98
6 X 0.5	17/0.19	10.0	136	39.0
6 X 0.75	26/0.19	10.6	160	26.0

聚氯乙稀絕緣護套控制屏蔽軟電纜 PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
6 X 1.0	35/0.19	11.2	184	19.5
6 X 1.5	30/0.25	13.1	256	13.3
6 X 2.5	50/0.25	15.2	359	7.98
7 X 0.5	17/0.19	10.0	142	39.0
7 X 0.75	26/0.19	10.6	168	26.0
7 X 1.0	35/0.19	11.2	195	19.5
7 X 1.5	30/0.25	13.1	274	13.3
7 X 2.5	50/0.25	15.2	387	7.98
8 X 0.5	17/0.19	10.6	160	39.0
8 X 0.75	26/0.19	11.3	190	26.0
8 X 1.0	35/0.19	12.3	233	19.5
8 X 1.5	30/0.25	11.0	309	13.3
8 X 2.5	50/0.25	16.5	445	7.98
10 X 0.5	17/0.19	12.5	200	39.0
10 X 0.75	26/0.19	13.3	239	26.0
10 X 1.0	35/0.19	11.1	278	19.5
10 X 1.5	30/0.25	16.1	373	13.3
10 X 2.5	50/0.25	18.9	530	7.98
12 X 0.5	17/0.19	12.8	222	39.0
12 X 0.75	26/0.19	13.6	264	26.0
12 X 1.0	35/0.19	11.5	312	19.5
12 X 1.5	30/0.25	16.5	420	13.3
12 X 2.5	50/0.25	19.8	619	7.98

聚氯乙烯絕緣護套控制屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
14 X 0.5	17/0.19	13.1	248	39.0
14 X 0.75	26/0.19	14.2	294	26.0
14 X 1.0	35/0.19	15.1	349	19.5
14 X 1.5	30/0.25	17.3	474	13.3
14 X 2.5	50/0.25	20.8	707	7.98
16 X 0.5	17/0.19	14.0	272	39.0
16 X 0.75	26/0.19	14.9	329	26.0
16 X 1.0	35/0.19	15.8	387	19.5
16 X 1.5	30/0.25	18.2	560	13.3
16 X 2.5	50/0.25	21.8	787	7.98
19 X 0.5	17/0.19	14.6	302	39.0
19 X 0.75	26/0.19	15.6	370	26.0
19 X 1.0	35/0.19	16.6	438	19.5
19 X 1.5	30/0.25	19.5	624	13.3
19 X 2.5	50/0.25	23.0	905	7.98
24 X 0.5	17/0.19	16.7	370	39.0
24 X 0.75	26/0.19	17.9	452	26.0
24 X 1.0	35/0.19	19.5	559	19.5
24 X 1.5	30/0.25	22.5	768	13.3
24 X 2.5	50/0.25	26.5	1118	7.98

聚氯乙烯絕緣護套控制屏蔽軟電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
27 X 0.5	17/0.19	17.0	398	39.0
27 X 0.75	26/0.19	18.2	487	26.0
27 X 1.0	35/0.19	19.9	607	19.5
27 X 1.5	30/0.25	22.9	836	13.3
27 X 2.5	50/0.25	27.2	1228	7.98
30 X 0.5	17/0.19	17.6	435	39.0
30 X 0.75	26/0.19	19.2	547	26.0
30 X 1.0	35/0.19	20.5	658	19.5
30 X 1.5	30/0.25	23.7	914	13.3
30 X 2.5	50/0.25	28.2	1348	7.98
37 X 0.5	17/0.19	19.2	523	39.0
37 X 0.75	26/0.19	20.6	648	26.0
37 X 1.0	35/0.19	22.0	779	19.5
37 X 1.5	30/0.25	25.5	1088	13.3
37 X 2.5	50/0.25	31.0	1666	7.98
44 X 0.5	17/0.19	21.3	611	39.0
44 X 0.75	26/0.19	22.9	756	26.0
44 X 1.0	35/0.19	24.5	911	19.5
44 X 1.5	30/0.25	28.5	1278	13.3
44 X 2.5	50/0.25	31.7	1950	7.98

聚氯乙稀絕緣護套控制屏蔽軟電纜

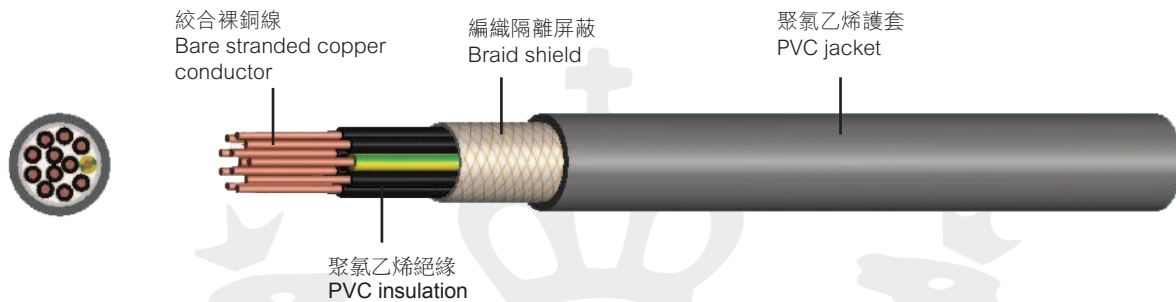
PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED FLEXIBLE CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
48 X 0.5	17/0.19	21.8	674	39.0
48 X 0.75	26/0.19	23.4	830	26.0
48 X 1.0	35/0.19	25.1	1002	19.5
48 X 1.5	30/0.25	29.1	1400	13.3
48 X 2.5	50/0.25	35.4	2129	7.98
52 X 0.5	17/0.19	22.3	712	39.0
52 X 0.75	26/0.19	24.0	885	26.0
52 X 1.0	35/0.19	25.7	1066	19.5
61 X 0.5	17/0.19	23.6	810	39.0
61 X 0.75	26/0.19	25.4	1008	26.0
61 X 1.0	35/0.19	27.2	1219	19.5



聚氯乙烯絕緣護套控制屏蔽電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES



ROYAL HORSE 450/750V KVVP NxN.Nmm² PVC/PVC CABLE GB/T9330 (IEC60227)

說明

- 工作溫度：70℃
- 額定電壓：450/750V
- 標準：GB/T9330.2, IEC60227
- 型號：KVVP
- 導體使用絞合裸銅線
- 聚氯乙烯或阻燃聚氯乙烯絕緣
- 鍍錫或裸銅線編織屏蔽
- 聚氯乙烯或阻燃聚氯乙烯護套

應用

- 控制、監控回路及保護線路等場合使用
- 敷設在室內、電纜溝、管道固定場合

DESCRIPTION

- Rated temperature: 70°C
- Rated voltage: 450/750V
- Reference standard: GB/T9330.2, IEC60227
- Model: KVVP
- Bare stranded copper conductor
- PVC or flame retardant PVC insulation
- Tinned or bare copper wire braid shield available
- PVC or flame retardant PVC jacket

APPLICATION

- For control system, protective circuit and etc.
- Can be placed into trunk and conduit

聚氯乙稀絕緣護套控制屏蔽電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
2 X 0.75	7/0.37	7.9	86	24.5
2 X 1.0	7/0.43	8.4	95	18.1
2 X 1.5	7/0.52	9.3	121	12.1
2 X 2.5	7/0.67	10.5	162	7.41
2 X 4.0	7/0.85	12.1	221	4.61
2 X 6.0	7/1.04	13.1	274	3.08
2 X 10	7/1.35	16.3	429	1.83
3 X 0.75	7/0.37	8.3	99	24.5
3 X 1.0	7/0.43	8.7	112	18.1
3 X 1.5	7/0.52	9.8	146	12.1
3 X 2.5	7/0.67	11.5	209	7.41
3 X 4.0	7/0.85	12.8	275	4.61
3 X 6.0	7/1.04	13.9	348	3.08
3 X 10	7/1.35	17.2	552	1.83
4 X 0.75	7/0.37	8.9	116	24.5
4 X 1.0	7/0.43	9.4	135	18.1
4 X 1.5	7/0.52	10.6	175	12.1
4 X 2.5	7/0.67	12.4	253	7.41
4 X 4.0	7/0.85	13.9	335	4.61
4 X 6.0	7/1.04	15.4	445	3.08
4 X 10	7/1.35	18.8	688	1.83

聚氯乙烯絕緣護套控制屏蔽電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
5 X 0.75	7/0.37	9.5	135	24.5
5 X 1.0	7/0.43	10.1	157	18.1
5 X 1.5	7/0.52	11.4	204	12.1
5 X 2.5	7/0.67	13.7	313	7.41
5 X 4.0	7/0.85	15.5	417	4.61
5 X 6.0	7/1.04	16.8	535	3.08
5 X 10	7/1.35	20.6	835	1.83
7 X 0.75	7/0.37	10.2	160	24.5
7 X 1.0	7/0.43	10.8	188	18.1
7 X 1.5	7/0.52	13.1	272	12.1
7 X 2.5	7/0.67	14.9	381	7.41
7 X 4.0	7/0.85	16.9	516	4.61
7 X 6.0	7/1.04	18.2	670	3.08
7 X 10	7/1.35	22.4	1060	1.83
8 X 0.75	7/0.37	11.3	190	24.5
8 X 1.0	7/0.43	13.0	222	18.1
8 X 1.5	7/0.52	14.0	303	12.1
8 X 2.5	7/0.67	16.0	428	7.41
8 X 4.0	7/0.85	17.9	578	4.61
8 X 6.0	7/1.04	19.6	758	3.08
8 X 10	7/1.35	25.0	1229	1.83

聚氯乙烯絕緣護套控制屏蔽電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
10 X 0.75	7/0.37	12.9	229	24.5
10 X 1.0	7/0.43	13.7	267	18.1
10 X 1.5	7/0.52	16.1	370	12.1
10 X 2.5	7/0.67	18.5	525	7.41
10 X 4.0	7/0.85	20.9	712	4.61
10 X 6.0	7/1.04	23.1	955	3.08
10 X 10	7/1.35	28.7	1511	1.83
12 X 0.75	7/0.37	13.3	256	24.5
12 X 1.0	7/0.43	14.1	301	18.1
12 X 1.5	7/0.52	16.6	418	12.1
12 X 2.5	7/0.67	19.1	601	7.41
12 X 4.0	7/0.85	21.5	824	4.61
12 X 6.0	7/1.04	23.8	1111	3.08
12 X 10	7/1.35	29.6	1763	1.83
14 X 0.75	7/0.37	13.8	284	24.5
14 X 1.0	7/0.43	14.7	339	18.1
14 X 1.5	7/0.52	17.3	468	12.1
14 X 2.5	7/0.67	20.0	680	7.41
14 X 4.0	7/0.85	22.6	937	4.61
14 X 6.0	7/1.04	25.0	1261	3.08
14 X 10	7/1.35	31.2	2021	1.83

聚氯乙稀絕緣護套控制屏蔽電纜 PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
16 X 0.75	7/0.37	14.9	328	24.5
16 X 1.0	7/0.43	15.8	390	18.1
16 X 1.5	7/0.52	18.2	522	12.1
16 X 2.5	7/0.67	21.0	762	7.41
19 X 0.75	7/0.37	15.6	373	24.5
19 X 1.0	7/0.43	16.6	441	18.1
19 X 1.5	7/0.52	19.1	599	12.1
19 X 2.5	7/0.67	23.1	888	7.41
24 X 0.75	7/0.37	17.9	455	24.5
24 X 1.0	7/0.43	19.1	546	18.1
24 X 1.5	7/0.52	22.1	742	12.1
24 X 2.5	7/0.67	25.7	1090	7.41
27 X 0.75	7/0.37	18.2	494	24.5
27 X 1.0	7/0.43	19.4	594	18.1
27 X 1.5	7/0.52	22.5	811	12.1
27 X 2.5	7/0.67	26.4	1225	7.41
30 X 0.75	7/0.37	18.8	538	24.5
30 X 1.0	7/0.43	20.1	642	18.1
30 X 1.5	7/0.52	23.5	903	12.1
30 X 2.5	7/0.67	27.3	1340	7.41

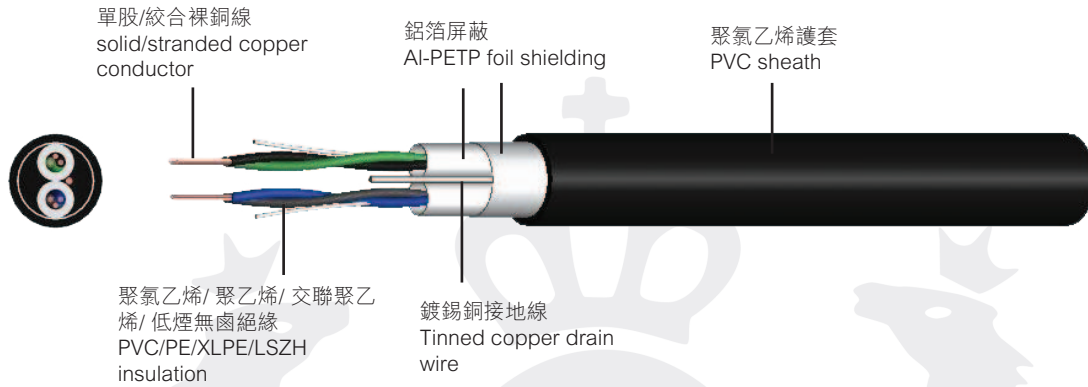
聚氯乙稀絕緣護套控制屏蔽電纜

PVC INSULATED AND PVC SHEATHED CONTROL SHIELDED CABLES

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	參考外徑 Reference overall diameter (mm)	參考重量 Reference weight (kg/km)	20°C時最大電 阻 Ω/km Resistance at 20°C Max
37 X 0.75	7/0.37	19.9	633	24.5
37 X 1.0	7/0.43	21.6	770	18.1
37 X 1.5	7/0.52	25.3	1083	12.1
37 X 2.5	7/0.67	30.1	1649	7.41
44 X 0.75	7/0.37	22.5	746	24.5
44 X 1.0	7/0.43	24.3	904	18.1
44 X 1.5	7/0.52	28.3	1271	12.1
44 X 2.5	7/0.67	33.9	1966	7.41
48 X 0.75	7/0.37	22.7	796	24.5
48 X 1.0	7/0.43	24.4	965	18.1
48 X 1.5	7/0.52	28.7	1362	12.1
48 X 2.5	7/0.67	35.0	2117	7.41
52 X 0.75	7/0.37	23.6	869	24.5
52 X 1.0	7/0.43	25.3	1059	18.1
52 X 1.5	7/0.52	30.1	1499	12.1
52 X 2.5	7/0.67	35.7	2297	7.41
61 X 0.75	7/0.37	25.0	1000	24.5
61 X 1.0	7/0.43	25.3	1212	18.1
61 X 1.5	7/0.52	32.1	1744	12.1
61 X 2.5	7/0.67	37.9	2641	7.41

BS5308儀表電纜第1部分第1類

BS5308 INSTRUMENTATION CABLE PART 1 TYPE 1



ROYAL HORSE 300/500V N PAIR x N.Nmm² INSTRUMENTATION CABLE TO BS5308 PART 1 TYPE 1

說明

- 工作溫度: 70 °C
- 額定電壓: 300/500V
- 標準: BS5308
- 型號: BS 5308 Part 1 Type 1
- 導體使用單股/絞合裸銅線
- 阻燃聚氯乙烯、聚乙烯、交聯聚乙烯或低煙無鹵絕緣
- 每對個別或集體屏蔽鋁箔帶跟鍍錫銅接地線
- 阻燃聚氯乙烯或低煙無鹵護套

應用

- 對於通訊，數據和語音傳輸的信號在工業過程製造工廠
- 特別是在和周圍加工廠，在那裡換能器產生的信號通過傳輸到面板，控制器和其他設備

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 300/500V
- Reference Standard: BS5308
- Model: BS5308 Part 1 Type 1
- Solid/stranded copper conductors
- Flame retardant PVC, PE, XLPE or LSZH compound insulation
- Pairs are individually or collectively screened with aluminium polyester tape with tinned copper drain wire
- Flame retardant PVC or LSZH sheathed overall

APPLICATION

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Particularly in and around process plants, where transducer generated signals are transmitted through to panels, controllers and other devices

BS5308儀表電纜第1部分第1類**BS5308 INSTRUMENTATION CABLE PART 1 TYPE 1**

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 OS Average overall diameter (mm)	參考重量 OS Reference weight (kg/km)	平均外徑 IS/OS Average overall diameter (mm)	參考重量 IS/OS Reference weight (kg/km)
1x2x0.5	16/0.20	6.4	60	-	-
2x2x0.5	16/0.20	7.3	80	11.4	160
5x2x0.5	16/0.20	12.5	200	14.6	250
10x2x0.5	16/0.20	16.6	340	20.5	480
20x2x0.5	16/0.20	21.7	570	26.7	780
30x2x0.5	16/0.20	26.3	790	31.7	1100
50x2x0.5	16/0.20	33.3	1270	41.1	1590
1x2x0.75	24/0.20	6.7	75	-	-
2x2x0.75	24/0.20	7.7	100	12.2	190
5x2x0.75	24/0.20	13.7	250	15.7	270
10x2x0.75	24/0.20	18.1	450	21.8	550
20x2x0.75	24/0.20	23.9	800	28.5	960
30x2x0.75	24/0.20	28.9	1130	33.7	1320
50x2x0.75	24/0.20	36.8	1840	44.0	2120
1x2x1.0	1/1.13	7.4	85	-	-
2x2x1.0	1/1.13	8.4	115	12.8	200
5x2x1.0	1/1.13	14.2	290	16.2	290
10x2x1.0	1/1.13	18.4	500	22.6	580
20x2x1.0	1/1.13	24.4	950	29.8	960
30x2x1.0	1/1.13	29	1030	35.4	1430
50x2x1.0	1/1.13	37.3	1750	44.9	2360

BS5308儀表電纜第1部分第1類

BS5308 INSTRUMENTATION CABLE PART 1 TYPE 1

1x2x1.5	7/0.52	7.7	100	-	-
2x2x1.5	7/0.52	9.1	150	13.7	250
5x2x1.5	7/0.52	15.8	360	17.8	400
10x2x1.5	7/0.52	21.0	670	25.2	800
20x2x1.5	7/0.52	27.9	1230	33.8	1400
30x2x1.5	7/0.52	33.7	1720	40.4	2040
50x2x1.5	7/0.52	43.6	2750	52.2	3260

Color Coding (for overall screened cables)

Pair Number	A	B	Pair Number	A	B	Pair Number	A	B
1	Black	Blue	18	Green	Orange	35	Orange	Grey
2	Black	Green	19	Brown	Orange	36	Yellow	Grey
3	Blue	Green	20	White	Orange	37	Black	Violet
4	Black	Brown	21	Red	Orange	38	Blue	Violet
5	Blue	Brown	22	Black	Yellow	39	Green	Violet
6	Green	Brown	23	Blue	Yellow	40	Brown	Violet
7	Black	White	24	Green	Yellow	41	White	Violet
8	Blue	White	25	Brown	Yellow	42	Red	Violet
9	Green	White	26	White	Yellow	43	Orange	Violet
10	Brown	White	27	Red	Yellow	44	Yellow	Violet
11	Black	Red	28	Orange	Yellow	45	Grey	Violet
12	Blue	Red	29	Black	Grey	46	Black	Turquoise
13	Green	Red	30	Blue	Grey	47	Blue	Turquoise
14	Brown	Red	31	Green	Grey	48	Green	Turquoise
15	White	Red	32	Brown	Grey	49	Brown	Turquoise
16	Black	Orange	33	White	Grey	50	White	Turquoise
17	Blue	Orange	34	Red	Grey			

Single Quad (2 pairs) Black, Blue, Green, Brown

顏色編碼（整體屏蔽電纜） Color Coding (for overall screened cables)

注：兩對纜線連接電纜應該在四形成的以順時針方向的旋轉編碼和顏色：黑色，藍色，綠色，棕色為第1部分
 Note : Two-pair cables shall be cabled in quad formation and colour coded in clockwise order of rotation: Black, Blue, Green, Brown for Part1

顏色編碼（個別+總屏蔽電纜）

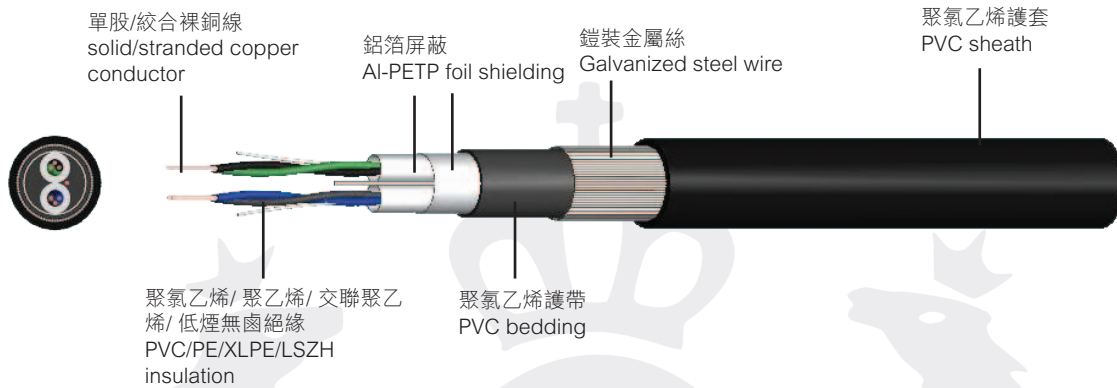
核心黑/白 - 編號對

Color Coding (for individual + overall screened cables)

Cores black/white – numbered pairs

BS5308儀表電纜第1部分第2類

BS5308 INSTRUMENTATION CABLE PART 1 TYPE 2



ROYAL HORSE 300/500V N PAIR x N.Nmm² INSTRUMENTATION CABLE TO BS5308 PART 1 TYPE 2

說明

- 工作溫度: 70°C
- 額定電壓: 300/500V
- 標準: BS5308
- 型號: BS 5308 Part 1 Type 2
- 最小彎曲半徑約是6倍電纜直徑
- 導體使用單股/絞合裸銅線
- 阻燃聚氯乙烯、聚乙烯、交聯聚乙烯或低煙無鹵絕緣
- 每對個別或集體屏蔽鋁箔帶跟鍍錫銅接地線
- 阻燃聚氯乙烯護帶
- 鍍裝金屬絲
- 阻燃聚氯乙烯或低煙無鹵護套

應用

- 能承受機械外力和相當的拉力
- 對於通訊，數據和語音傳輸的信號在工業過程製造工廠
- 特別是在和周圍加工廠，在那裡換能器產生的信號通過傳輸到面板，控制器和其他設備

DESCRIPTION

- Rated Temperature: 70°C
- Rated Voltage: 300/500V
- Reference Standard: BS5308
- Model: BS5308 Part 1 Type 2
- Minimum bending radius approx. 6 x cable diameter
- Solid/stranded copper conductors
- Flame retardant PVC, PE, XLPE or LSZH compound insulation
- Pairs are individually or collectively screened with aluminium polyester tape with tinned copper drain wire
- Flame retardant PVC bedded
- Galvanized steel wire armoured
- Flame retardant PVC or LSZH sheathed overall

APPLICATION

- For underground installation in transport and power distribution
- For communication, data and voice transmission signal in industrial process manufacturing plants
- Particularly in and around process plants, where transducer generated signals are transmitted through to panels, controllers and other devices

BS5308儀表電纜第1部分第2類**BS5308 INSTRUMENTATION CABLE PART 1 TYPE 2**

截面 Cross-sectional Area (mm ²)	導體結構 No.& diameter of wire (N/mm)	平均外徑 OS Average overall diameter (mm)	參考重量 OS Reference weight (kg/km)	平均外徑 IS/OS Average overall diameter (mm)	參考重量 IS/OS Reference weight (kg/km)
1x2x0.5	16/0.20	11.4	250	-	-
2x2x0.5	16/0.20	12.3	300	16.8	460
5x2x0.5	16/0.20	17.9	560	20.9	760
10x2x0.5	16/0.20	22.9	970	27.9	1300
20x2x0.5	16/0.20	29.1	1640	34.3	1870
30x2x0.5	16/0.20	33.9	1770	40.5	2400
50x2x0.5	16/0.20	42.1	2770	51.5	3930
1x2x0.75	24/0.20	11.7	280	-	-
2x2x0.75	24/0.20	12.9	330	17.6	500
5x2x0.75	24/0.20	19.8	750	22.0	920
10x2x0.75	24/0.20	25.3	1260	29.5	1610
20x2x0.75	24/0.20	31.3	1890	37.8	2420
30x2x0.75	24/0.20	37.5	2290	43.9	3130
50x2x0.75	24/0.20	47.0	3620	55.0	4920
1x2x1.0	1/1.13	11.8	290	-	-
2x2x1.0	1/1.13	13.0	345	17.6	515
5x2x1.0	1/1.13	19.7	790	21.9	950
10x2x1.0	1/1.13	24.3	1310	29.4	1330
20x2x1.0	1/1.13	31.2	2040	37.8	2540
30x2x1.0	1/1.13	36.2	2180	43.8	2900
50x2x1.0	1/1.13	45.7	3500	54.9	4800

BS5308儀表電纜第1部分第2類

BS5308 INSTRUMENTATION CABLE PART 1 TYPE 2

1x2x1.5	7/0.52	12.9	320	-	-
2x2x1.5	7/0.52	14.3	420	20.4	730
5x2x1.5	7/0.52	22.1	940	25.4	1180
10x2x1.5	7/0.52	28.4	1500	33.5	1820
20x2x1.5	7/0.52	36.5	2500	42.6	3030
30x2x1.5	7/0.52	42.5	3170	50.8	4050
50x2x1.5	7/0.52	53.4	5020	62.6	5960

電氣特性 Electrical Characteristics

(互電容每米 (皮法) 和 電阻值 (歐姆每公里))

(Mutual Capacitance (picofarads per metre) and Resistance Values (ohms per kilometre))

截面 Cross-sectional Area(mm ²)	電容 Capacitance at 1kHz pF/m		導體最大電阻 Maximum Resistance of Conductor at 20°C ohms/Km	L/R比率最大值 L/R Ratio Maximum Value microH/ohm
	電纜對集體屏蔽電纜 Cables with only Collective Screens (Except One Pair and Two Pair)	一對，兩對電纜的集體屏蔽配對和所有單獨屏蔽配對 One Pair and Two Pair Cables Collectively Screened and all Cables with Individually Screened Pairs		
0.5	75	115	39.0	25
0.75	75	115	24.5	25
1.0	75	115	18.1	25
1.5	85	115	12.1	40

BS5308儀表電纜第1部分第2類

BS5308 INSTRUMENTATION CABLE PART 1 TYPE 2

Color Coding (for overall screened cables)

Pair Number	A	B
1	Black	Blue
2	Black	Green
3	Blue	Green
4	Black	Brown
5	Blue	Brown
6	Green	Brown
7	Black	White
8	Blue	White
9	Green	White
10	Brown	White
11	Black	Red
12	Blue	Red
13	Green	Red
14	Brown	Red
15	White	Red
16	Black	Orange
17	Blue	Orange

Pair Number	A	B
18	Green	Orange
19	Brown	Orange
20	White	Orange
21	Red	Orange
22	Black	Yellow
23	Blue	Yellow
24	Green	Yellow
25	Brown	Yellow
26	White	Yellow
27	Red	Yellow
28	Orange	Yellow
29	Black	Grey
30	Blue	Grey
31	Green	Grey
32	Brown	Grey
33	White	Grey
34	Red	Grey

Pair Number	A	B
35	Orange	Grey
36	Yellow	Grey
37	Black	Violet
38	Blue	Violet
39	Green	Violet
40	Brown	Violet
41	White	Violet
42	Red	Violet
43	Orange	Violet
44	Yellow	Violet
45	Grey	Violet
46	Black	Turquoise
47	Blue	Turquoise
48	Green	Turquoise
49	Brown	Turquoise
50	White	Turquoise

Single Quad (2 pairs) Black, Blue, Green, Brown

顏色編碼（整體屏蔽電纜） Color Coding (for overall screened cables)

注：兩對纜線連接電纜應該在四形成的以順時針方向的旋轉編碼和顏色：黑色，藍色，綠色，棕色為第1部分
 Note : Two-pair cables shall be cabled in quad formation and colour coded in clockwise order of rotation: Black, Blue, Green, Brown for Part1

顏色編碼（個別+總屏蔽電纜）

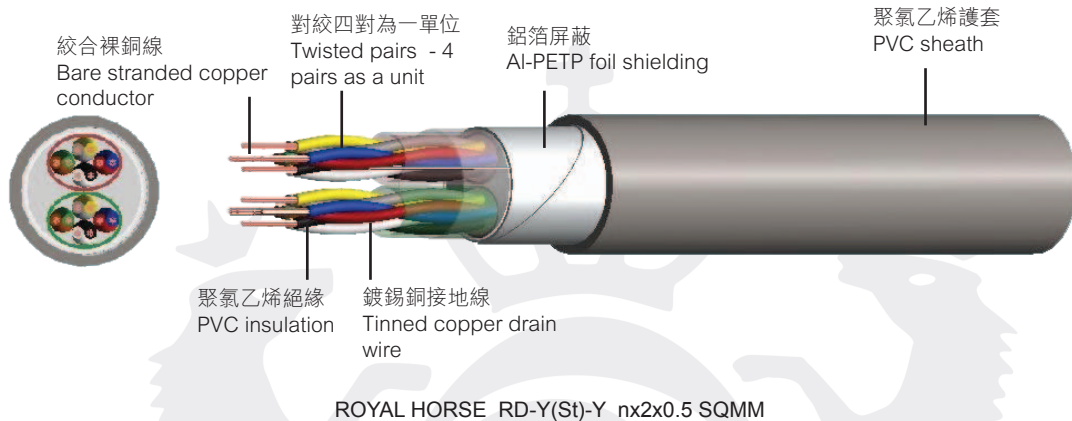
核心黑/白 - 編號對

Color Coding (for individual + overall screened cables)

Cores black/white – numbered pairs

聚氯乙烯絕緣、總屏蔽、聚氯乙烯護套多對控制電纜

PVC INSULATED, OVERALL SCREENED, PVC SHEATHED MULTI-PAIR CONTROL CABLE (RD-Y(ST)Y)



說明

- 工作溫度: 70 °C
- 工作電壓: 450/750V
- 標準: VDE 0815, IEC 60332-1
- 型號: RD-Y(ST)Y
- 導體使用絞合裸銅線
- 阻燃聚氯乙烯絕緣
- 芯線顏色編碼
- 芯線絞對 (約20間距/米)
- 鋁箔聚酯帶100%的覆蓋率
- 靜電屏蔽的塑料塗層鋁箔與鍍錫接地線0.5平方毫米(7x0.3mm)
- 阻燃聚氯乙烯護套

應用

- 用於自動化和儀器儀表電纜，特別是對測量信號的傳輸，不適合室外鋪設
- 適用於 MAXI -端子連接點

DESCRIPTION

- Rated Temperature: 70°C
- Operating Voltage: max. 600V
- Reference Standard: VDE 0815, IEC 60332-1
- Model: RD-Y(ST)Y
- Bare stranded copper conductors
- Flame retardant insulated with PVC compound
- Cores colour coded
- Cores twisted to pairs (approx. 20 pitch/m)
- 4 pairs stranded to a unit
- Units stranded in concentric layer
- Electrostatic screen of plastic coated aluminium foil with tinned drain-wire 0.5mm² (7x0.3mm)
- Flame retardant PVC sheathed overall

APPLICATION

- Used for automation and instrumentation cabling, especially for measurement signal transmission, not suitable for outdoor laying
- Suitable for Maxi-Termi-Point connections

聚氯乙稀絕緣、總屏蔽、聚氯乙稀護套多對控制電纜 PVC INSULATED, OVERALL SCREENED, PVC SHEATHED MULTI-PAIR CONTROL CABLE (RD-Y(ST)Y)

截面 Cross-sectional Area (mm ²)	導體結構 No. & diameter of wire (N/mm)	平均外徑 Average overall diameter (mm)	參考重量 Reference weight (kg/km)
2x2x0.5	7/0.3	7.0	60
4x2x0.5	7/0.3	8.3	90
8x2x0.5	7/0.3	11.6	160
12x2x0.5	7/0.3	13.0	225
16x2x0.5	7/0.3	14.6	285
24x2x0.5	7/0.3	17.7	410
32x2x0.5	7/0.3	20.0	540
48x2x0.5	7/0.3	24.2	795

*芯線識別 Core Identification

Pair Number	a-core	b-core
1	Blue	Red
2	Grey	Yellow
3	Green	Brown
4	White	Black

(4pairs = 1 unit)

電氣性能 Electrical Properties		At 20C+/-5C
導體 Conductor	mm ²	0.5
迴路電阻 Loop resistance at 20C	Ω/km	≤73.6
絕緣電阻 Insulation resistance (at 500V, 1min.)	MΩ x km	≥100
互聯電容 Mutual capacitance at 800 Hz	pF/m	≤100
(2 and 4 pairs)		(≤120)
不平衡電容 Capacitance unbalance at 800 Hz pair-to-pair	pF/100m	≤200 (20% max. 400pF/100m)
標稱衰減 Nominal attenuation (ca.)		
At 1.0 kHz	db/100m	1.2
At 10.0 kHz	db/100m	3.0
阻抗特性 Characteristic impedance at 10 kHz (ca.)	Ohm/km	130
交流試驗電壓 1分鐘 AC test voltage for 1 minute		
導線/導體 conductor/conductor	V	2000
導體/屏蔽 conductor/screen	V	2000
最大峰值電壓 Maximum peak voltage	V	600

Certificate CN13/30295

The management system of

S.G.H. ELECTRIC WIRE & CABLE (DONGGUAN) CO., LTD.

BLOCK Z007, ZHAN AN INDUSTRIAL ZONE, CHANG AN, DONGGUAN, CHINA

Has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities:

Manufacture of polyvinyl chloride insulated cables and rubber insulated cables for rated voltages up to and including 400/750 V.
Manufacture of power cables with extruded insulation for rated voltages up to and including 0.6/1 KV

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.

This certificate is valid from 28 February 2013 until 28 February 2016 and remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 24 January 2015.
Issue 1. Certified since 28 February 2013.

Authorized by:




SGS United Kingdom Ltd. Systems & Service Certification
Riverside Business Park, Elmwood Park, Chesham, Oxon, UK
+44 (0)1515 350000 F+44 (0)1515 350000 www.sgsgroup.com

SGS 9001-01 0111
Page 1 of 1



KEMA REGISTERED QUALITY

AGREEMENT

Agreement No. 981883

S.G.H. Electric Wire & Cable Co., Ltd.
KWUN TONG, KOWLOON
Hong Kong

further designated as "the other party", has been granted the right to use the

KEMA-KEUR

certification mark on products as specified in the "Certificate(s)" and under the conditions as specified in the "Conditions of the agreement concerning the right to use the KEMA-KEUR certification mark, based on type tests carried out by or under the supervision of KEMA" which both form an integrative part of this agreement.

For S.G.H. Electric Wire & Cable Co., Ltd. For KEMA:

HONG KONG, CHINA (place) **Amrum**

16TH JULY, 1998 (date) **30.7.1998** (date)

S.G.H. Electric Wire & Cable Co., Ltd. (Name) **J.C.M.C. Bortburgh** (signature)

MANAGING DIRECTOR (title) **Managing Director**

N.V. KEMA
Utrechtseweg 310, ARnhem, The Netherlands
P.O. Box 9038, 6800 ET ARNHEM, The Netherlands
Telephone +31 26 3 95 28 50, Telefax +31 26 3 91 49 22

KEMA REGISTERED QUALITY

CERTIFICATE

KEMA No.: 98-1883-03

Issued to:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Manufactured/Issued:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Product: wires for fixed installations
Trade name: ROYAL HORSE
Type: HD7V J

The product and any applicable variation therein is specified in the Annex to this certificate and the documents referenced in it.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- type test according to the standard HD7V J S3:1995
- an inspection of the production location according to CCA Group Operational Document CCA 204
- a certification agreement with the number: SE1883

KEMA hereby grants the right to use the KEMA-KEUR certification mark

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: October 21, 1998

Integral publication of this certificate is allowed

N.V. KEMA
Utrechtseweg 310, Arnhem, The Netherlands
P.O. Box 9038, 6800 ET ARNHEM, The Netherlands
Telephone +31 26 3952850, Telefax +31 26 3914922 FOR ACCREDITATION

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

KEMA REGISTERED QUALITY

CERTIFICATE

KEMA No.: 98-1883-01

Issued to:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Manufactured/Issued:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Product: wires for fixed installations
Trade name: ROYAL HORSE
Type: HD7V J

The product and any applicable variation therein is specified in the Annex to this certificate and the documents referenced in it.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- type test according to the standard HD7V J S3:1995
- an inspection of the production location according to CCA Group Operational Document CCA 204
- a certification agreement with the number: SE1882

KEMA hereby grants the right to use the KEMA-KEUR certification mark

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: October 21, 1998

Integral publication of this certificate is allowed

N.V. KEMA
Utrechtseweg 310, Arnhem, The Netherlands
P.O. Box 9038, 6800 ET ARNHEM, The Netherlands
Telephone +31 26 3952850, Telefax +31 26 3914922 FOR ACCREDITATION

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

KEMA REGISTERED QUALITY

CERTIFICATE

KEMA No.: 98-1883-02

Issued to:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Manufactured/Issued:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
2 Stage, Block E, G.F.,
Kwan Tong, Kowloon, Hong Kong

Product: wires for fixed installations
Trade name: ROYAL HORSE
Type: HD7V J

The product and any applicable variation therein is specified in the Annex to this certificate and the documents referenced in it.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- type test according to the standard HD7V J S3:1995
- an inspection of the production location according to CCA Group Operational Document CCA 204
- a certification agreement with the number: SE1883

KEMA hereby grants the right to use the KEMA-KEUR certification mark

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: October 21, 1998

Integral publication of this certificate is allowed

N.V. KEMA
Utrechtseweg 310, Arnhem, The Netherlands
P.O. Box 9038, 6800 ET ARNHEM, The Netherlands
Telephone +31 26 3952850, Telefax +31 26 3914922 FOR ACCREDITATION

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

DEKRA

CERTIFICATE

Issued to:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
Kwan Tong, Kowloon,
Hong Kong

Manufactured/Issued:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
Kwan Tong, Kowloon,
Hong Kong

Product: Single core non-sheathed cable with stranded rigid conductor required to maintain shape under the conditions.
Trade name: ROYAL HORSE
Type: HD7V-R (Type I) Fire Resistant (Single core)

The product and any applicable variation therein is specified in the Annex to this certificate and the documents referenced in it.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- type test according to the standard HD7V-R S3:1995
- an inspection of the production location according to CONSELIC Operational Document CIG 021
- a certification agreement with the number: 981883

DEKRA hereby grants the right to use the DEKRA-KEUR BS certification mark.

The DEKRA-KEUR BS certification mark may be applied to the product as specified in this certificate for the duration of the DEKRA-KEUR BS certification agreement and under the conditions of the DEKRA-KEUR BS certification agreement.

This certificate is issued on: 28 June 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2148136-02

DEKRA Certification B.V.
c/o G.J. Zandvoort
Managing Director

N.R.M. Borenius
Certification Manager

Integral publication of this certificate is allowed

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

DEKRA
BS

DEKRA Certification B.V. | Utrechtseweg 310 | 6803 AR Arnhem | P.O. Box 9106 | 6802 ED Arnhem | The Netherlands
T +31 26 395 28 50 | F +31 26 3 91 49 22 | www.dekra.com | Registered Arnhem 0803208

DEKRA

CERTIFICATE

Issued to:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
Kwan Tong, Kowloon,
Hong Kong

Manufactured/Issued:
S.G.H. Electric Wire & Cable Co., Ltd.
73-75 Hai Yuen Road,
Yip Fat Industrial Building,
Kwan Tong, Kowloon,
Hong Kong

Product: XLPE insulated (BHN) BS/EN
Trade name: ROYAL HORSE
Type: CABLESPVC and CABLESPVC/PAW/PC

The product and any applicable variation therein is specified in the Annex to this certificate and the documents referenced in it.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- type test according to the standard BS 6853:2004
- an inspection of the production location according to CONSELIC Operational Document CIG 021
- a certification agreement with the number: 981883

DEKRA hereby grants the right to use the DEKRA-KEUR certification mark.

The DEKRA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the DEKRA-KEUR certification agreement and under the conditions of the DEKRA-KEUR certification agreement.

This certificate is issued on: 14 June 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2148118-02

DEKRA Certification B.V.
c/o G.J. Zandvoort
Managing Director

N.R.M. Borenius
Certification Manager

Integral publication of this certificate is allowed

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

DEKRA
BS

DEKRA Certification B.V. | Utrechtseweg 310 | 6803 AR Arnhem | P.O. Box 9106 | 6802 ED Arnhem | The Netherlands
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FIRE SERVICES DEPARTMENT LICENSING & CERTIFICATION DIVISION

4 October 2011

Dear Sir,

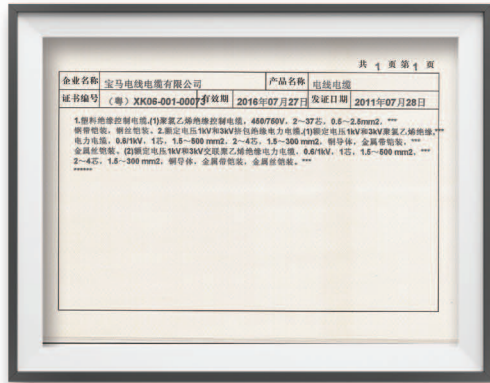
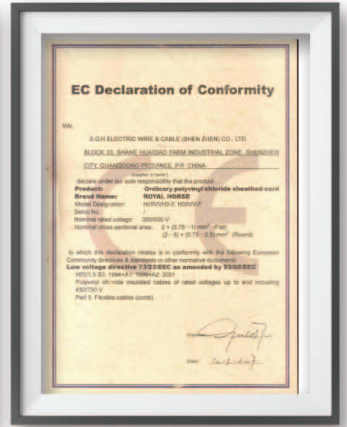
Royal Horse "HD7V-R (Type I)" Fire Resistant Cable

I refer to your letter of 16/03/11 enclosing the product catalogue together with a set of test reports and certificates with respect to the optional cable and the supplementary information supplied under cover of your letter of 29/03/11.

We have no objection in principle to the use of Royal Horse "HD7V-R (Type I)" fire resistant cable in the service installations subject to compliance with the Code of Practice for Minimum Fire Service Installations and Equipment, 2005 Edition and according to the following details:

Manufacturer : S.G.H. Electric Wire & Cable Co., Ltd., PRC
Model : HD7V-R (Type I)
Construction : Single core non-sheathed cable with stranded rigid conductor, stranded ceramic (porcelain) type and a LSZH insulation
Conductor Size : 1.5 to 16.0 mm²
Test Report : By DEKRA Certification B.V.
a) No. 2141136-S/CCC of 14.6.2011
b) No. 2141136-S1-CCC of 14.6.2011

FIRE SERVICES DEPARTMENT
LICENSING & CERTIFICATION DIVISION
HONG KONG FIRE SERVICES DEPARTMENT
HONG KONG



電綫電纜的應用

WIRE AND CABLE APPLICATIONS



Power Station
25,000 Volts

Transmission
275,000 Volts
400,000 Volts

Towns and Farms
230/400 Volts

Light Industry
11,000 Volts



Heavy Industry 33,000 Volts

發電站

1 燈光線 (BV)
Lighting

2 牆插座布線 (BVVB)
Wall socket

3 耐熱線 (YC, YZ)
Cooker Lead

4 家庭電器 (RVV)
Home appliances

5 家庭電器 (RVV)
Home appliances

6 衛星 電視天線
RG type Coaxial

7 照明裝飾 (RVB)
Lighting decoration

8 高級音響線
Hi-Fi system

9 電話線
Telephone wire

10 大廈電路 (BVV)
Fixed wiring

11 總機接線 (RV)
Switch board wiring

12 消防線
Fire Alarm Cable

13 控制線 (RVV)
Control cable

14 室內電力線 (RVV)
Power Lead to workshop

15 數據線 Cat. 5 & 6
LAN cable

16 鎧裝電力線 (YJVZ)
Armored Power Lead

17 防火線 (NH-BV)
Fire resistance

18 低煙無鹼線 (WDZ)
LSZH cable

19 控制軟線 KVVVP
Control Flexible cable

輕工業工廠

重工業工廠

寶馬電業有限公司

S.G.H. ELECTRIC WIRE & CABLE CO., LTD.

地址 Address: 九龍官塘開源道七十三至七十五號
業發工業大廈第二期E座地下

Block E, G/F, Stage '2' Yip Fat Ind. Bldg.,
73-75 Hoi Yuen Road, Kwun Tong, Kowloon, Hong Kong

電話 Tel.: 852-23425197-8, 852-2341183

傳真 Fax: 852-27972345, 851-23419433

電郵 Email: sales@sghcable.com

網站 Web: www.sghcable.com

寶馬電線電纜（深圳）有限公司

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Rm 3301-3304, Reith Center, 9030 Shennan Rd., Nanshan District, Shenzhen, China

電話 Tel: 86-755-86093818, 86-755-86093228

傳真 Fax: 86-755-86093848

寶馬電線電纜（東莞）有限公司

S.G.H. ELECTRIC WIRE & CABLE (DONGGUAN) CO., LTD.

地址 Address: 東莞市長安鎮振安工業區ZC07棟

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Chang An, Dongguan, China

電話 Tel: 86-769-82763881-3

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