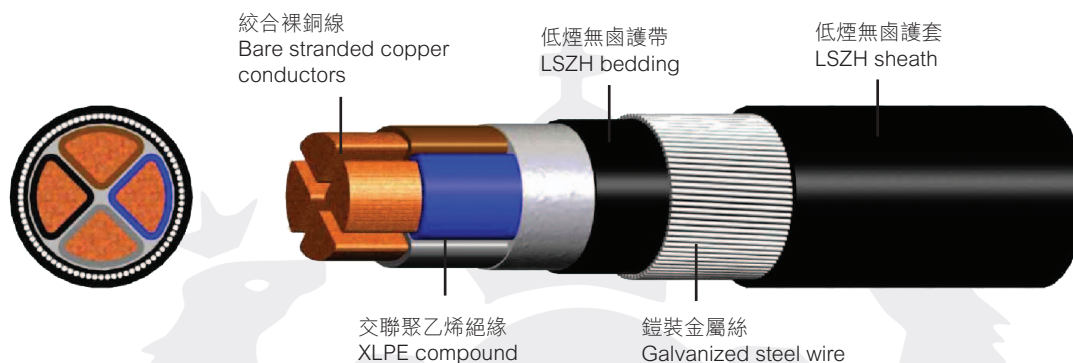


## 交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套阻燃電纜 (1-4芯) XLPE INSULATED, STEEL WIRE ARMoured, LSZH SHEATHED FLAME RETARDANT CABLES (1-4 CORES)



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 <sup>2</sup> )	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 <sup>2</sup> )	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 ≤ 16mm<sup>2</sup>, 扇形導體 ≥ 25mm<sup>2</sup>  
 Circular conductor ≤ 16mm<sup>2</sup>, Shaped conductor ≥ 25mm<sup>2</sup>

