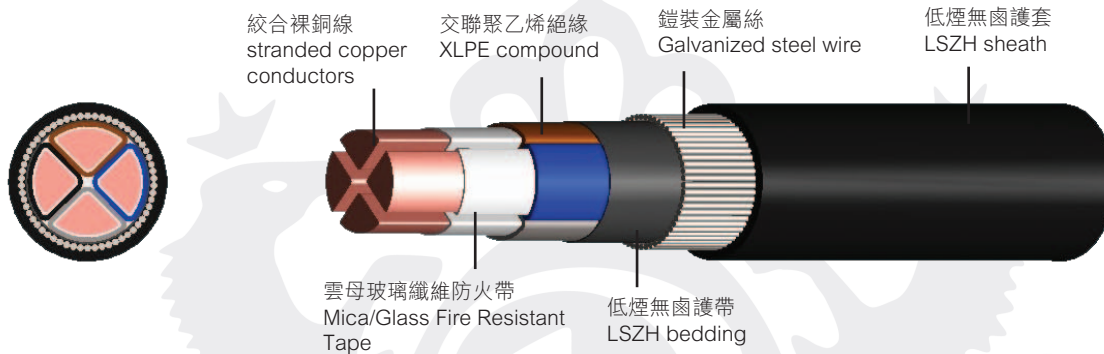


## 雲母帶和交聯聚乙烯絕緣、鋼絲鎧裝、低煙無鹵護套防火電纜 (1-4芯)

### 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 <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
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：25mm<sup>2</sup>及以上均為圓形緊壓絞導體（第2類）

Note: 25mm<sup>2</sup> 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 <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	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

\*25mm<sup>2</sup>和35mm<sup>2</sup>可以圓形或扇形導體  
圓形導體 ≤ 35mm<sup>2</sup>; 扇形導體 ≥ 50mm<sup>2</sup>

\* 25mm<sup>2</sup> and 35mm<sup>2</sup> could be in shaped conductor  
Circular conductor ≤ 35mm<sup>2</sup>; Shaped conductor ≥ 50mm<sup>2</sup>