

MAX-FOH⁽¹²⁵⁾ 0.6/1kV

Insulated, sheathed



Sheath
LSHF Compound

Insulation
XLEVA Compound

Fire Barrier
Mica Glass Tape

- **Conductor**
- Circular stranded copper
 - Class 2
 - Circular or compact

Application & Features

For fixed installation in cable systems with improved fire performance and circuit integrity. Enhanced with XLEVA insulation for a high temperature rating. Used for Fire Alarm & Detection circuits, Emergency signal/Control circuits, Fire fighting systems, Smoke Exhaust Systems.

Thermal Characteristics

Maximum operating temperature

110°C

Installation Temperature

0°C to 50°C

Operating Temperature

-15°C to 110°C

Short Circuit Temperature

250°C

Identification



Outer Sheath



Insulation



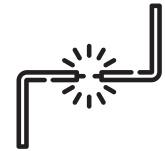
UV
Resistance



Anti- Termite



Anti- Rodent



Other Sheath colours are
available

Bending Radius

Minimum bending radius

8 x overall diameter

Performance Characteristics

Reference Standard:

[IEC 60502-1](#)

Circuit Integrity:

[IEC 60331-21](#)
[SS 299-1 Cat C, W, Z](#)
[BS 6387 -Cat C, W, Z](#)

Flame Retardant:

[IEC 60332-1,](#)
[60332-3-22,](#)
[60332-3-23,](#)
[60332-3-24](#)

Halogen-free:

[IEC 60754-1, 60754-2](#)

Low Smoke Density:

[IEC 61034-2](#)

Cable Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx Cable Overall Diameter	Approx Weight	Max Conductor Resistance at 20°C
mm ²	mm	mm	mm	kg/km	ohm/km
1x1.5	0.7	1.4	6.7	68	12.10
1x2.5	0.7	1.4	7.1	81	7.41
1x4	0.7	1.4	7.7	100	4.61
1x6	0.7	1.4	8.2	120	3.08
1x10	0.7	1.4	9.1	170	1.83
1x16	0.7	1.4	10.2	230	1.15
1x25	0.9	1.4	11.9	350	0.727
1x35	0.9	2.0	14.4	480	0.524
1x50	1.0	2.0	15.9	620	0.387
1x70	1.1	2.1	18.1	840	0.268
1x95	1.1	2.2	20.2	1100	0.193
1x120	1.2	2.3	22.0	1300	0.153
1x150	1.4	2.4	24.4	1700	0.124
1x185	1.6	2.5	26.7	2000	0.0991
1x240	1.7	2.6	29.6	2600	0.0754
1x300	1.8	2.7	32.7	3300	0.0601
1x400	2.0	2.9	36.4	4100	0.047
1x500	2.2	3.1	40.4	5200	0.0366
1x630	2.4	3.3	45.1	6600	0.0283