

XLPE/LSZH/AWA/LSZH

+90 °C service temperature, aluminium wire armoured, low smoke, zero halogen, fire retardant
Safety cable, 0,6/1 kV
BS 6724, IEC 60502-1

Application

Armoured, zero halogen power cable with improved fire characteristics for applications where additional protection against mechanical damage is required. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. For fixed installation indoors or outdoors. Suitable for direct ground installation without protection.

Construction



- | | |
|-----------------------|--|
| 1. Conductor: | Copper conductor, bare, stranded (class 2) |
| 2. Insulation: | Halogen free special XLPE compound |
| Cored identification: | Brown |
| 3. Inner sheath: | Halogen free compound |
| 4. Armoring: | Aluminium wires |
| 5. Outer sheath: | Halogen free compound, black |

Technical information

Rated voltage	U ₀ /U	0,6/1 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature	fixed installation	-15 °C
Min. temperature during installation		0 °C
Min. bending radius mm	fixed installation	6 x outer diameter in mm

Safety parameters

Flame spread	bunched cables	IEC 60332-3-24
	on request bunched cables	IEC 60332-3-22
No corrosive gases		IEC 60754-2
Low smoke density		IEC 61034-1/ -2

XLPE/LSZH/AWA/LSZH

+90 °C service temperature, aluminium wire armoured, low smoke, zero halogen, fire retardant
 Safety cable, 0,6/1 kV
 BS 6724, IEC 60502-1

N° of cores and cross section mm ²	Insulation thickness approx. mm	Outer diameter approx. mm	Weight approx. kg/km
1 x 50 RM	1,0	17,5	708
1 x 70 RM	1,1	20,2	970
1 x 95 RM	1,1	22,3	1240
1 x 120 RM	1,2	24,2	1510
1 x 150 RM	1,4	27,4	1930
1 x 185 RM	1,6	30,0	2330
1 x 240 RM	1,7	32,8	2900
1 x 300 RM	1,8	35,6	3530
1 x 400 RM	2,0	40,4	4690
1 x 500 RM	2,2	44,2	5740
1 x 630 RM	2,4	48,8	7150

RM = round stranded, class 2

La version française de cette fiche technique est disponible sur demande.
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.