

XLPE/LSZH/AWA/LSZH

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

Application

Armored, zero halogen power cable with improved fire characteristics for application 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 and outdoors.

Construction



1. Conductor: Copper conductor, bare, stranded (class 2)
2. Insulation: XLPE
Core identification: Brown
3. Core covering: Halogen free compound
4. Armoring: Galvanized steel wires
5. Outer sheath: Halogen free compound, black

Technical information

Nominal 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)
Operating temperature	fixed installation	-20 °C to +70 °C
Bending radius	fixed installation	8 x outer diameter in mm
Flame spread	single cable	IEC 60332-1-2
	bunched cable	IEC 60332-3-24
Halogen free		IEC 60754-1 /-2
Low smoke density		IEC 61034-1

Additional parameters

UV resistant

If you are considering installing in high UV exposure and/or high/low ambient temperatures i.e. desert/arctic conditions then special sheathing may be required.

XLPE/LSZH/AWA/LSZH

Power and control cable, 0,6/1 kV
 +90 °C service temperature, aluminium wire armored, low smoke, zero halogen, fire retardant
 BS 6724 and 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	1,0	17,5	800
1 x 70	1,1	20,2	960
1 x 95	1,1	22,3	1240
1 x 120	1,2	24,2	1510
1 x 150	1,4	27,4	1900
1 x 185	1,6	30,0	2320
1 x 240	1,7	32,8	2930
1 x 300	1,8	35,6	3580
1 x 400	2,0	40,5	4600
1 x 500	2,2	44,2	5770
1 x 630	2,4	48,8	7250

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