

ELQXB removed

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Polyethylene insulated, pair twisted communication cable with halogen free, flame retardant sheath.

DESCRIPTION

Design

Pair twisted (1x4x0.5 is twisted to a quad), halogen free, flame retardant communication cable. ELQXB is a halogen free alternative to EKKX and has PE-insulation and halogen free, flame retardant sheath. The cable is intended for fixed installation indoors and is used for private communication networks. Fire performance according to IEC 60332-1.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



STANDARDS

International IEC 60332-1

National SS 424 16 08



Conductor flexibility
Singlewire



Halogen free
Yes



Ambient installation T°C range
-10 .. 50 °C



Operating temp.
-15 .. 70 °C

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CHARACTERISTICS

Construction characteristics

Conductor flexibility	Singlewire
Conductor material	Bare annealed copper stranded
Insulation	PE
Outer sheath	HFFR (polyolefin)
Colour	White
Screen	No
Halogen free	Yes

Dimensional characteristics

Conductor diameter	0.5 mm
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Electrical characteristics

Max. DC resistance of the conductor at 20°C	95.9 Ohm/km
Resistance unbalance DC max % of loop resistance	2 %
Max. capacity pair / core to core	60 nF/km
Capacitance unbalance max.	150 pF/500m
Ohmical resistance of the insulation	5000 MOhm.km
Maximum operating voltage	100 V

Transmission characteristics

Attenuation, max. 800 Hz	1.4 dB/km
Attenuation, max. 1 MHz	21 dB/km

Usage characteristics

Ambient installation temperature, range	-10 .. 50 °C
Operating temperature, range	-15 .. 70 °C

SELLING INFORMATION

ELQXB will be delivered in lengths of 100 to 500 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.