

FLAQQLY

FLAQQLY 2x1+2x2x0,22

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Combined power supply and signalling cable. Outdoor and indoor installations

DESCRIPTION

Design

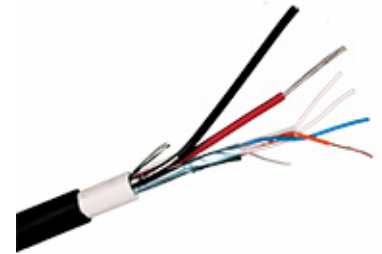
Combined power supply and signalling cable. The power supply conductors have a tinned, annealed copper wire strand, 1.0 mm² and insulation of halogen free, flame retardant plastic compound. The pairs for signalling have a plain annealed copper wire strand, 0.22 mm², insulation of solid polyethylene, are twisted to pairs and have a common screen of aluminium/polyesterfoil. The cable has a protective PE sheath covering the inner sheath of halogen free flame retardant plastic compound and is intended for fixed installations both indoor and outdoor. To complete the installation indoor there is a ripcord between the two layers to easily remove the outer PE sheath. Fire performance according to CPR class D_{cas2d2a2} when the outer PE sheath is removed.

Quality system

Design, manufacture and testing according to the requirements in ISO 9001.

Environmental management system

The activities at our plant in Grimsås are certified to ISO 14001.



STANDARDS

International IEC 60332-1



Halogen free
Yes



Operation bending rad.
64 mm



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



Operating temp.
-15 .. 70 °C

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CHARACTERISTICS

Construction characteristics

Screen	Aluminium-Polyester tape + tinned copper drain wire
Inner sheath	HFFR (polyolefin)
Outer sheath	PE
Colour	Black
Halogen free	Yes
Type of conductor	Stranded copper
Conductor material	Tinned annealed copper

Dimensional characteristics

Nominal outer diameter	9.7 mm
Approximate weight	9.3 kg/100m

Electrical characteristics

Maximum operating voltage	100 V
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Usage characteristics

Laying operation bending radius	64 mm
Ambient installation temperature, range	-10 .. 50 °C
Operating temperature, range	-15 .. 70 °C
Packaging	E500

ELECTRICAL AND OTHER CHARACTERISTICS

Design- element	Conductor		Insulation	Resistance ohm/km	Capacitance nF/km	Insul.resistance Mohmxkm
	Material	Numberxdiameter				
Core 1.0 mm ²	Tinned Cu	7x0.4	HFFR	max 20.2	-	min 500
Pair 0.22 mm ²	Plain Cu	7x0.2	PE	max 90.0	1x2: max 75; 2x2: max 65	min 5000