

Fire resistant cable Model : ELQRB



FAMILIA: Security & Fire Prevention

SECTOR: Telecommunications

DESCRIPTION

Polyethylene (PE) insulated halogen free cable with flame retardant sheath. Fire performance according to IEC 60332-1. Design, manufacture and testing have been carried out according to the requirements in ISO 9001. For the same functionality we also have ELQYB.

APPLICATION

ELQRB is used as a signaling cable in telecommunications and safety and fire alarm installations in fire risk environments. The cable is intended for open fixed installation or in pipes indoors and outdoors and protected against mechanical damage also in ground.

TECHNICAL CHARACTER

Maximum operating voltage: 100V

Test voltage (50Hz): 1000 Vx1 minute (core/core)

Operating Temperature: -15 to 70°C

Maximum Temp. Short-circuit: 150 ° C

Maximum Capacity Pair / Core to core (800Hz):55nF/km

Ohmical Insulation Resistance: km

Attenuation, max 800Hz: 7dB/km

Laying Operation Bending Radius: 6 Ø

Section (sq.mm.)	Conductor colour	Average outerØ (mm.)	Coreto core Capacity (1kHz)	Max. Conductor Resistance (Ω / km)
2 x 0,6 (flat)	Red or white	2,9 x 4,2	80nF/km	62.9 Ω / km
2 x 1,0 (flat)	Red or white	3,2 x 4,9	100nF/km	23.2 Ω / km
3 x 1,0 (round)	Red or white	5,1	100nF/km	23.2 Ω / km
4 x 1,0 (round)	Red or white	5,6	100nF/km	23.2 Ω / km
7 x 1,0 (round)	White	6,7	100nF/km	23.2 Ω / km
12 x 1,0 (round)	White	12,3	100nF/km	23.2 Ω / km
19 x 1,0 (round)	White	10,3	100nF/km	23.2 Ω / km
27 x 1,0 (round)	White	12,5	100nF/km	23.2 Ω / km

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