

Installation cable in accordance with VDE 0815 with red outer sheath

Product Description

The cable is marked with the phrase "Fire alarm cable" at regular intervals on the sheath. It is therefore used especially for installation in fire alarm systems.;Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic field;TP structure minimises crosstalk



Application range

- This installation cable is used to transmit signals.
- For fixed installation on and under plaster, in dry and damp rooms.
- For outdoor use this cable should be installed under plaster only.

Benefits

- The cable is marked with the phrase "Fire alarm cable" at regular intervals on the sheath. It is therefore used especially for installation in fire alarm systems.
- Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic field
- TP structure minimises crosstalk

Design

- Solid bare copper conductor
- Core insulation: Based on PVC
- Cores twisted in pairs, pairs twisted together, foil wrapping over cable core, static screen made of aluminium-laminated plastic film with copper drain wire
- PVC-based outer sheath Outer sheath colour: red (RAL 3000)

Product features

- The 2-paired versions = star quad cable design
- Flame-retardant according to IEC 60332-1-2
- Printed text may differ from illustration



Technical Data

Core identification code

according to VDE 0815, refer to Appendix T10

Peak operating voltage

(not for power applications) 300 V

Based on

VDE 0815

Insulation resistance

> 100 MOhm x km

Coupling

(800 Hz): K1: 80% ≤ 300 pF/100m

Conductor cross-section in

0.8 mm: 0.50 mm²

Cable attenuation/attenuation

0.8 mm: 1.1 dB/km

Minimum bending radius

Fixed installation: 10 x outer diameter

Test voltage

Core/core: 800 V

Core/screen: 800 V

Loop resistance

max. 73.2 Ohm/km

Temperature range

Fixed installation: -30°C to +70°C

Article List

Part number	Number of pairs and conductor diameter (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
J-Y(ST)Y...LG red				
1708001	1 x 2 x 0,8	6.0	11.0	40
1708002	2 x 2 x 0,8	7.0	21.0	60
1708004	4 x 2 x 0,8	9.0	41.0	100
1708006	6 x 2 x 0,8	10.5	62.0	140
1708010	10 x 2 x 0,8	13.5	102.0	220
1708020	20 x 2 x 0,8	16.5	204.0	380

Footnote:

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 100/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.