J-Y(ST)Y...LG Fire Alarm Cable

Installation cable in accordance with DIN VDE 0815 with red outer sheath

J-Y(ST)Y...LG fire alarm installation cable, solid conductor/ stationary use, PVC, layered stranding, screened/ static foil, VDE 0815, red outer jacket

Interference signals

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 fields
Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)

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

Product features
The 2-pair version (2x2x0.8) is twisted into a star quad
Flame-retardant according IEC 60332-1-2

Norm references / Approvals
Based on DIN VDE 0815
type J-Y(ST)Y...LG

Product Make-up
Solid bare copper conductor
Core insulation made of 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
Outer sheath made of PVC

Last Update (15.03.2019)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16
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Outer sheath colour: flame red (RAL 3000)

Technical Data
Classification ETIM 5:
  ETIM 5.0 Class-ID: EC000829
  ETIM 5.0 Class-Description: Signal-/telecommunications cable
Classification ETIM 6:
  ETIM 6.0 Class-ID: EC000829
  ETIM 6.0 Class-Description: Signal-/telecommunications cable
Core identification code:
  according to VDE 0815,
  refer to Appendix T10
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:
  Occasional flexing: -5°C to +50°C
  Fixed installation: -30°C to +70°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 100/100 kg. Refer to catalogue 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 and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.
<table>
<thead>
<tr>
<th>Article number</th>
<th>Number of pairs and conductor</th>
<th>Outer diameter [mm]</th>
<th>Copper index (kg/km)</th>
<th>Weight (kg/km)</th>
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<td>6</td>
<td>9</td>
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<td>1708002</td>
<td>2 x 2 x 0.8</td>
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</table>

You can find the current technical data in the corresponding data sheet.

GÖrlitz 03/2019

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