

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

Cable with red outer sheath for stationary use

(J)-Y(ST)Y...LG - red-sheathed PVC fire alarm cable for stationary use, with layered stranding and static foil shielding, for instance on or under plaster



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

signal transmission

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

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

Outer sheath colour: flame red (RAL 3000)

Last Update (06.01.2025)

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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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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: $80\% \leq 300 \text{ pF}/100\text{m}$
Conductor cross-section in:	0.8 mm: 0.50 mm^2
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 $+50^\circ\text{C}$ Fixed installation: -30°C to $+70^\circ\text{C}$

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 $\leq 30 \text{ kg}$ or $\leq 250 \text{ m}$, otherwise drum

* Trade product, no Lapp product

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.

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Article number	Number of pairs and conductor diameter (mm)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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1708001	1 x 2 x 0.8	6	11	40
1708002	2 x 2 x 0.8	7	21	60
1708004	4 x 2 x 0.8	9	41	100
1708010	10 x 2 x 0.8	13.5	102	220

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