(J)-H(ST)H...BD Fire Alarm Cable

Halogen-free cable with red outer sheath for stationary use

(J)-H(ST)H...BD - red-sheathed, halogen-free, bundle-twisted fire alarm cable with static foil shielding for stationary use, for instance on or under plaster

Flame-retardant

Halogen-free

Interference signals

Benefits

Used to meet enhanced fire protection requirements concerning protection of people and high-value property
Does not emit any toxic or corrosive gases in the event of fire and resists the spread of fire
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 halogen-free, flame-retardant cable with static shielding is made for stationary use for telephone, data and signal transmission in subscriber stations and private branch exchange construction for telephone systems
For fixed installation on and under plaster, in dry and damp rooms

Product features

Flame retardant acc. to DIN VDE 0472-804/08.83, Test method C
Halogen-free according to EN 50267-2-1/-2

Product Make-up

Solid bare copper conductor
Core insulation made of special halogen-free compound

Last Update (18.12.2024)

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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Cores twisted into star quads,
5 star quads are twisted into a bundle,
bundles stranded in layers
Foil wrapping,
static screening made of aluminium-laminated plastic film with copper drain wire
Outer sheath made of special halogen-free compound
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
Mutual capacitance:	max. 120 nF/km
Coupling:	K1: approx. 300 pF/100 m K9-12: approx. 100 pF/100 m
Minimum bending radius:	Fixed installation: 8 x outer diameter
Test voltage:	Core/core: 800 V Core/screen: 800 V
Loop resistance:	0.6 mm: max. 130 ohm/km 0.8 mm: max. 73.2 ohm/km
Conductor cross-section:	0.6 mm: 0.28 mm^2 0.8 mm: 0.50 mm^2
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
* 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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30017798	2 x 2 x 0.8	7	25	77