

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

Halogen-free installation cable in accordance with DIN VDE 0815 with red outer sheath

J-H(ST)H...BD fire alarm installation cable, solid conductor/ stationary use, star quads, static foil, halogen-free/ highly flame retardant, VDE 0815, red



Interference signals



Halogen-free



Flame-retardant

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)

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

Application range

This halogen-free, flame-retardant installation cable with static screen is used 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 according IEC 60332-1-2

No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)

Halogen-free according to EN 50267-2-1/-2

Norm references / Approvals

Based on DIN VDE 0815

Last Update (22.11.2017)

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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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Product Make-up

Solid bare copper conductor
Core insulation made of special halogen-free compound
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 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Signal-/telecommunications cable |
| Core identification code: | according to VDE 0815, refer to Appendix T10 |
| Mutual capacitance: | max. 120 nF/km |
| Peak operating voltage: | (not for power applications) 300 V |
| 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

Photographs 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) |
|--------------------------------|---|---------------------|----------------------|----------------|
| J-H(ST)H...BD Fire Alarm Cable | | | | |
| 30017798 | 2 x 2 x 0.8 | 7 | 25 | 77 |
| 30017801 | 10 x 2 x 0.8 | 11.3 | 106 | 250 |

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