

# PRODUCT INFORMATION

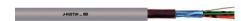
# J-H(ST)H...BD

Halogen-free installation cable in accordance with DIN VDE 0815

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

#### Info

In accordance with DIN VDE 0815







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)

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 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

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#### **Product features**

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

### Norm references / Approvals

In accordance with DIN VDE 0815 type J-H(ST)H...BD

#### **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: grey (RAL 7001)

### **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 <sup>2</sup> 0.8 mm: 0.50 mm <sup>2</sup>	
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  $\leq$  30 kg or  $\leq$  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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ist Updat		Number of pairs and conductor diameter (mm)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
	30017787	2 x 2 x 0.8	7	25	77
	30017788	4 x 2 x 0.8	9.2	45	135

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