

30017798	DATA SHEET	
valid from: 2021-09-01	J-H(ST)H...BD Fire Alarm Cable	

Application

J-H(ST)H...BD Fire Alarm Cable is a Fire Alarm Cable especially used for installation in fire alarm systems. This halogen-free, flame-retardant installation cable with static screen is suitable for fixed installation on and under plaster, in dry and damp rooms.

Design

Design	acc. to DIN VDE 0815, table 7 Type J-H(ST)H...BD
Outer sheath	Colour of the sheath: flame red (RAL 3000)

Electrical properties at 20 °C

Loop resistance	max. 73.2 Ω/km
Insulation resistance	min. 100 MΩ/km
Mutual capacitance	max. 100 nF/km (at 800 Hz)
Inductance	ca. 0.65 mH/km
Capacitive coupling	max. 200 pF/100 m (at 800 Hz)
Maximum operating voltage	300 V (not for power applications) Must not be connected to the mains supply voltage.
Test voltage	C/C: 800 V C/S: 800 V

Mechanical and thermal properties

Minimum bending radius	fixed installation: 6 x outer diameter
Temperature range	occasional flexing: -5 °C up to +50 °C max. conductor temperature fixed installation: -30 °C up to +70 °C max. conductor temperature
Flammability	flame retardant acc. to EN 60332-1-2 resp. IEC 60332-1-2

Tests	acc. to DIN VDE 0815, Type J-H(ST)H...BD Electrical properties acc. to table 13 Tests at the cable acc. to table 21
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General requirements	These cables are conform to EU-Directive 2014/35/EU (Low Voltage Directive) and to EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).
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Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).
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Note	Trade product, no Lapp product
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AbN
automation

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