


30017787	DATA SHEET	
valid from: 2021-09-01	J-H(ST)H...BD	

Application

J-H(ST)H...BD is a connection 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
Certification	Classification of fire behaviour according to EN 13501-6 and EN 50575 (article/dimension range see www.lappkabel.com/cpr)
Outer sheath	Colour of the sheath: grey (RAL 7001)

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 VDE 0472-804 Method C

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
--------------	---

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). These cables (see www.lappkabel.com/cpr) are classified in accordance with the EU-Regulation no. 305/2011 (CPR).
-----------------------------	--

Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).
----------------------------------	--

Note	Trade product, no Lapp product
-------------	--------------------------------

Creator: PESA / PDC	Document: DB30017787EN	Page 1 of 1
Released: ALTE / PDC	Version: 02	