

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



### Benefits

- Is used to meet enhanced fire protection requirements concerning protection of people as well as high value property
- J-H(ST)H...BD does not emit any toxic or corrosive gases in the event of fire and resists the spread of fire.

### 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 on dry and wet premises as well as on and under plaster.

### Product features

- The resistance to combustion has been tested in accordance with IEC specification 60332-3
- Halogen-free and flame retardant installation cable in accordance with VDE 0815

### Approvals (Norm references)



### Design

- Solid bare copper conductor
- Core insulation: Halogen-free
- Variant with 4 cores twisted as star quad
- Foil wrapping, static screening of aluminium-laminated plastic film with copper drain wire
- Colour: grey

### Technical data

- Core identification code**  
see table T9
- Mutual capacitance**  
max. 120 nF/km
- Peak working voltage**  
(not for power applications)  
300 V
- Insulation resistance**  
> 100 MOhm x km
- Coupling**  
K1: Approx. 300 pF/100 m  
K9-12: Approx. 100 pF/100 m
- Minimum bending radius**  
In fixed installations:  
6 x cable diameter
- Test voltage**  
C/C: 800 V  
C/S 800 V
- Loop resistance**  
max. 130 Ohm/km
- Range of temperature**  
Fixed installation: -30°C up to +70°C

Part number	Number of pairs and conductor diameter in mm	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
<b>J-H(ST)H-BD</b>				
3022220	2 x 2 x 0,6	8.0	14.1	65.0
3022221	4 x 2 x 0,6	10.0	25.4	100.0
3022222	6 x 2 x 0,6	11.0	37.0	117.0
3022223	10 x 2 x 0,6	12.0	59.0	155.0
30017787	2 x 2 x 0,8	9.0	25.0	77.0
30017788	4 x 2 x 0,8	11.0	45.0	135.0

Copper price basis: EUR 100 / 100 kg; For utilization and definition of „Metal price basis“ and „Metal index“ see Appendix T17  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum