

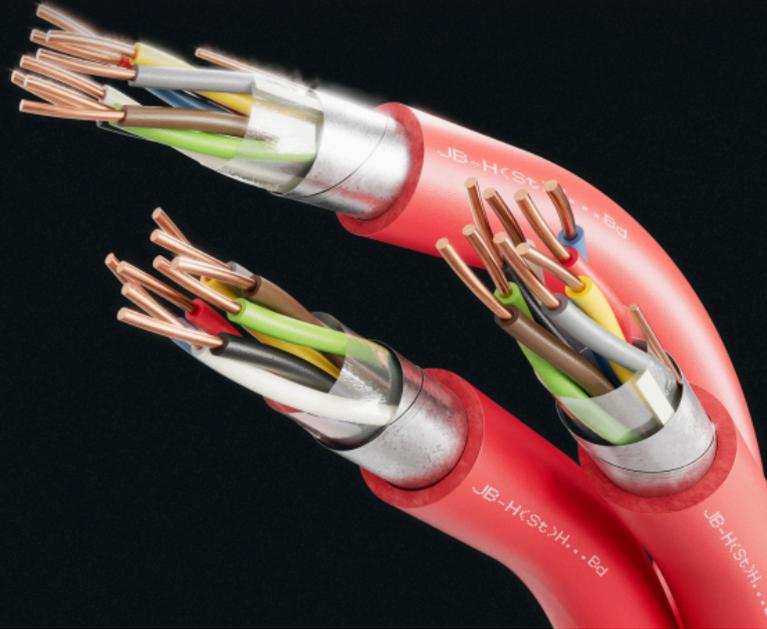


# JB-H(St)H...Bd

Fire alarm cable, halogen-free, screened

HALOGEN-FREE TELECOMMUNICATION, FIRE SIGNALING AND ELECTRONIC CABLES

For use in fire alarm systems. Preferably for indoor applications but also for permanent outdoor installation under protection against solar radiation. Not usable as power cable and/or in earth.



## TECHNICAL DATA



**Standard**  
adapted to DIN VDE 0815



**Test Voltage**  
800 V<sub>eff</sub> (core/screen)



**Rated Voltage**  
max. 300 V



**Bending radius (min.)**  
7,5 x  $\phi$  der Leitung



**Fire properties**  
EN 61034-2: low smoke emission



**Core identification**  
DIN VDE 0815



**Temperature range**  
Laying temperature: min. -5°C  
Fixed installation: -30°C up to 70°C  
Flexible use: -5°C up to 50°C

## DESIGN



## Electrical parameters

Conductor diameter	mm	0.8
Loop resistance max	Ω/km	73.2
Insulation resistance, min. at 20 °C	MΩ/km	100
Mutual capacitance (approx. value), at 800 Hz	nF/km	144
Mutual capacitance, max.	nF/km	120
Capacitance unbalance k9 (pairs), max. at 800 Hz (80 % values)	pF/km	200
Capacitance unbalance k9 (pairs), max. at 800 Hz (100 % of values)	pF/km	300

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1 x 2 x 0.8	5.4	37	500 T, 1000 T
2 x 2 x 0.8	5.9	52	500 T, 1000 T
4 x 2 x 0.8	11.0	152	500 T, 1000 T
6 x 2 x 0.8	11.5	152	500 T, 1000 T
10 x 2 x 0.8	13.5	214	500 T, 1000 T
20 x 2 x 0.8	16.0	336	500 T, 1000 T
30 x 2 x 0.8	19.5	490	500 T, 1000 T
40 x 2 x 0.8	22.0	625	500 T, 1000 T
50 x 2 x 0.8	25.0	788	500 T, 1000 T
60 x 2 x 0.8	27.0	924	500 T, 1000 T
80 x 2 x 0.8	30.5	1218	500 T, 1000 T
100 x 2 x 0.8	34.0	1500	500 T, 1000 T

## CONTACT PERSON

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