

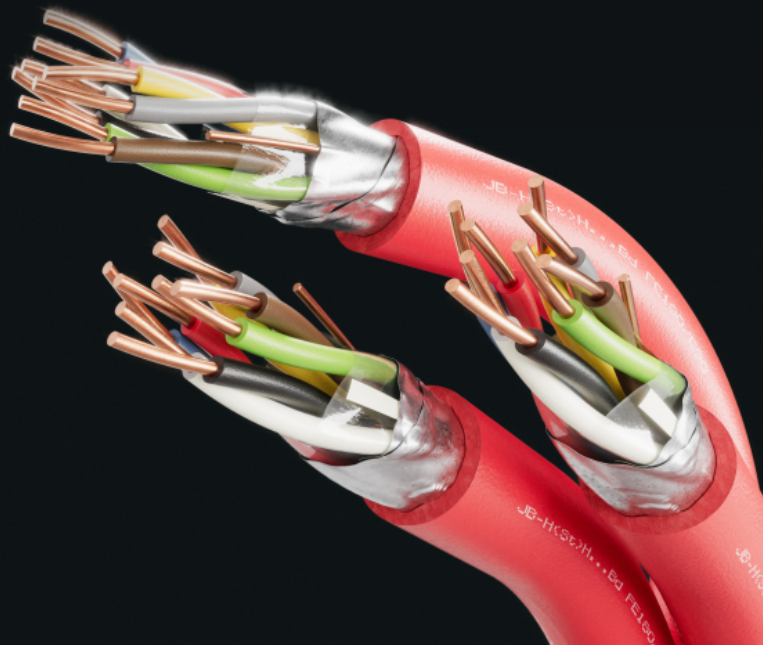


JB-H(St)H...Bd FE180/E90

Fire alarm cable, with insulation integrity FE180 and circuit integrity E90, screened

TELECOMMUNICATION, FIRE SIGNALING AND ELECTRONIC CABLES

For use in fire alarm systems where functional integrity is required. Predominantly for indoor applications, but also for fixed installation outdoors if protected from sunlight. Not suitable for power installations and underground laying.



TECHNICAL DATA



Standard
adapted to DIN VDE 0815



Test Voltage
2000 Veff (core/screen)



Rated Voltage
max. 225 Vss



Bending radius (min.)
7,5 x Ø der Leitung



Fire properties
EN 60332-3-22 and 24: reduced flame propagation



Core identification
DIN VDE 0815



Temperature range
Laying temperature: min. -5°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, max.	nF/km	144
Mutual capacitance (approx. value), at 800 Hz	nF/km	120
Capacitance unbalance earth/core at 800 Hz, ea1, ea2 max.	pF/km	200
Capacitance unbalance, max. k	pF/500m	400

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	7.7	75	500 T, 1000 T
2 x 2 x 0.8	8.5	83	500 T, 1000 T
4 x 2 x 0.8	11.5	138	500 T, 1000 T
8 x 2 x 0.8	15	243	500 T, 1000 T
12 x 2 x 0.8	18.5	351	500 T, 1000 T
16 x 2 x 0.8	20.5	441	500 T, 1000 T
20 x 2 x 0.8	24	557	500 T, 1000 T

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