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FIRE ALARM CABLES

JB-H(St)H...Bd

Fire alarm cable, halogen-free, screened

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 Veff (core/screen)

Rated Voltage
max. 300 V

Bending radius (min.)
7,5 x Ø 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

Technical changes reserved. All figures are therefore without guarantee.

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