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FIRE ALARM CABLES

JB-Y(St)Y

Fire alarm cable, screened

For the fixed installation for indoors as installation cabble in fire alarm systems.

TECHNICAL DATA

Standard
adapted to DIN VDE 0815

Test Voltage
800 Veff (core/screen)

Rated Voltage
max. 300 Vss (kurzzeitig max. 600 Vss)

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

Fire properties
EN 60332-1-2: flame retardant

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
Conductor resistance, max. at 20 °C	Ω/km	73.2
Insulation resistance, min. at 20 °C	MΩ/km	100
Mutual capacitance (approx. value), at 800 Hz	nF/km	120
Capacitance unbalance at 800 Hz, k1 max.	pF/km	100

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	6.0	40	100 R, 500 SP, 1000 SP
2 x 2 x 0.8	6.1	54	100 R, 500 SP, 1000 SP
4 x 2 x 0.8	8.7	94	100 R, 500 SP, 1000 SP
5 x 2 x 0.8	9.4	114	500 SP, 1000 SP
6 x 2 x 0.8	10.1	135	100 R, 500 SP, 1000 SP
10 x 2 x 0.8	12.0	205	500 T, 1000 T
12 x 2 x 0.8	12.8	235	500 T, 1000 T
20 x 2 x 0.8	15.0	384	500 T, 1000 T
30 x 2 x 0.8	19.0	522	500 T, 1000 T
40 x 2 x 0.8	20.9	663	500 T, 1000 T
50 x 2 x 0.8	23.4	832	500 T, 1000 T
60 x 2 x 0.8	25.0	978	500 T, 1000 T
100 x 2 x 0.8	32.5	1900	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

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