We Make Modern Life Possible.

SAFETY CABLES

JE-H(St)H...Bd FE180/ E30 red, Fire alarm cable



Fire alarm cable, with insulation integrity FE180 and circuit integrity E30, screened

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
DIN 4102-12: circuit integrity E30

Core identification
DIN VDE 0815

Temperature range
Laying temperature: min. -5°C

DESIGN



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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, max. k	pF/500m	200
Capacitance unbalance at 800 Hz, k1 max.	pF/km	400

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1 x 2 x 0,8	7.1	61	500 T, 1000 T
2 x 2 x 0,8	7.5	65	500 T, 1000 T
4 x 2 x 0,8	9.5	104	500 T, 1000 T
8 x 2 x 0,8	11.5	165	500 T, 1000 T
12 x 2 x 0,8	13.0	235	500 T, 1000 T
16 x 2 x 0,8	15.0	300	500 T, 1000 T
20 x 2 x 0,8	16.5	361	500 T, 1000 T
52 x 2 x 0,8	27.6	906	500 T, 1000 T
32 x 2 x 0,8	20.5	554	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

