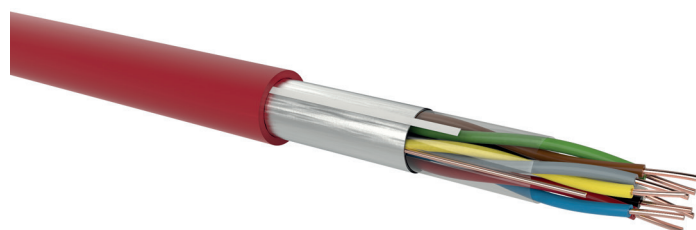


JB-Y(St)Y

Fire alarm cable, screened

DESIGN



- 1 | Copper conductor, round solid
- 2 | Core insulation (PVC), cores pair stranded, pairs stranded in layers
- 3 | Inner covering (plastic foil)
- 4 | Screen (plastic tape laminated with aluminium foil with drain wire)
- 5 | Sheath (PVC red with marking "Brandmeldeleitung")

APPLICATION

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

TECHNICAL DATA



Standard:
adapted to DIN VDE 0815



Operating voltage:
max. 300 V_{ss} (briefly max. 600 V_{ss})



Test voltage:
800 V_{eff} (core/core) / 50 Hz
800 V_{eff} (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -30 °C up to 70 °C
moved: -5 °C up to 50 °C



Bending radius (min.):
7.5 x Ø of wire



Core identification:
DIN VDE 0815



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

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. at 800 Hz (up to 4 pairs)	(nF/km)	120
Mutual capacitance, max. at 800 Hz	(nF/km)	100

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
JB-Y(St)Y			
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 D, 1000 D
12 x 2 x 0.8	12.8	235	500 D, 1000 D
20 x 2 x 0.8	15.0	384	500 D, 1000 D
30 x 2 x 0.8	19.0	522	500 D, 1000 D
40 x 2 x 0.8	20.9	663	500 D, 1000 D
50 x 2 x 0.8	23.4	832	500 D, 1000 D



JB-Y(St)Y

Fire alarm cable, screened

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
JB-Y(St)Y			
60 x 2 x 0.8	25.0	978	500 D, 1000 D
100 x 2 x 0.8	32.5	1900	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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