



We Make  
Modern Life  
Possible

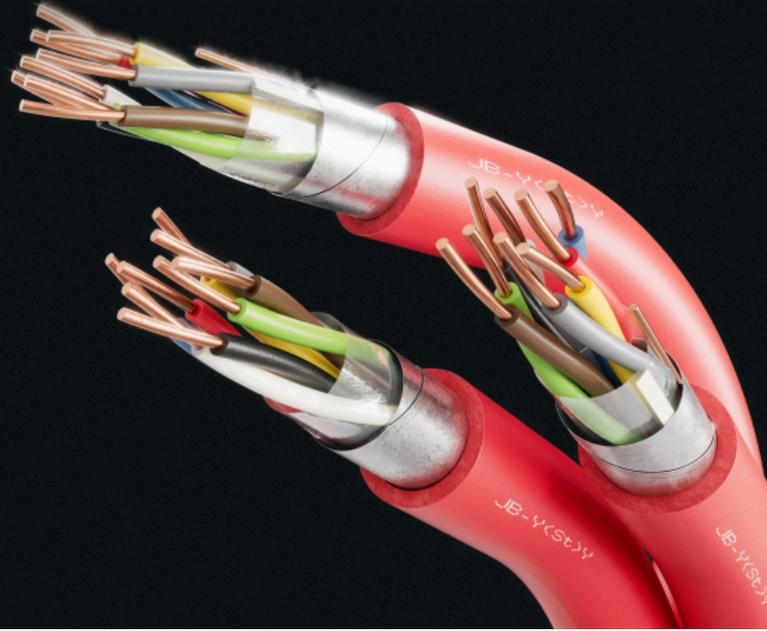


# JB-Y(St)Y

Fire alarm cable, screened

TELECOMMUNICATIONS CABLES

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



## TECHNICAL DATA



**Standard**  
adapted to DIN VDE 0815



**Test Voltage**  
800 V<sub>eff</sub> (core/screen)



**Rated Voltage**  
max. 300 V<sub>ss</sub> (kurzzeitig max. 600 V<sub>ss</sub>)



**Bending radius (min.)**  
7,5 x  $\varnothing$  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

## CONTACT PERSON

**Dogan Özcan**  
Head of Technical Department  
+43 (0) 1 70170-154  
dogan.oezcan@skw.at

