



JB-Y(St)Y

Brandmeldekabel

Fire Alarm Cables



EN 50265-2-1 ; IEC 60332-1; EU 305/2011

RoHS , REACH & CE Directives



Ambient installation T°
C range
0 + 50 °C



Operating temp.
-20 + 60 °C



Storage temperature
range
-20 + 70 °C



Flame retardant
IEC 60332-1



Smoke density

Applications

JB-Y(St)Y is a type of fire alarm installation cable commonly used for signaling and data transmission in fire detection and security systems. Specifically designed for fire alarm systems and signal transmission where electrostatic shielding is required. Suitable for fixed installation in dry or damp environments, often installed on or under plaster, as well as on external walls.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

This cable type with electrostatic screening sign of (St) protects the transmission circuits against external electrical interferences. Installation cable is preferably used for indoor fire alarm installation in dry and damp places, on and under plaster but also in the open air for fixed installation on outer walls of buildings - provided they are protected against direct exposure to the sun. This cable is also suitable for fire alarm systems, for signal and data transmission. Fire alarm cable is not allowed for purposes of high current and power installation.

CE-The product is confirmed with the EC Low-Voltage Directive 2014/35/EU

JB-Y(St)Y Construction:

Conductor material:

Core Insulation:

Foil wrapping

Static screen

Solid bare copper class 1

PVC compound YI2 (Polyvinyl chloride)

With Mylar-Polyester foil

With Aluminum-Polyester foil

(with or without an additional earth wire, as indicated by the marking on the cable itself).

PVC compound YM2 (Polyvinyl chloride)

Flame retardant according to EN 60332-1-2

Red (RAL 3000)

Outer insulation

Sheath color

Technical Data:

Insulation resistance:

Mutual capacitance

Operating capacity max.

Capacitance coupling for 100 m max.

Operating voltage:

Test voltage at 50 Hz

core / core

core / screen

Temperature range (for flexible use)

(fixed installation)

Bending radius

in motion

Minimum

MΩ x km min. 100

Ω x km 73.2

nF/km 100

pF 300

300 V

800 V

800 V

-5°C to +50 °C

-30°C to +70 °C

15 x OD (overall diameter)

7.5 x OD

JB-Y(St)Y

Dimensions:

Cable Description	Nominal Cable Diameter (mm)	Thickness of the outer sheath ca. mm	Nominal Cable Weight (kg/km)	packaging
1 x 2 x 0.8	5.0	0.8-1	30-31	100/500
2 x 2 x 0.8	5.7	0.8-1	46-48	500
4 x 2 x 0.8	7.0	0.8-1	81-84	500
2 x 2 x 1	6.7	0.8-1	70-72	500
2 x 2 x 1.5	7.9	0.9-1.1	106-110	500



The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.