



J-Y(St)Y

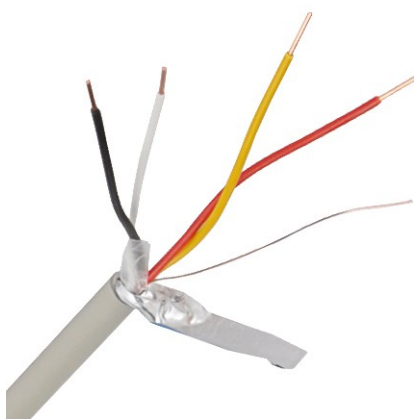
Telecommunication

Control 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

Application

J-Y(St)Y Telecommunication cable is used in electronics and in measurement, control and signal applications. In news and communication applications, the following connections can be installed: telephone, telefax, telex, standard modems for postal services; burglar and fire alarm systems (cf. fire alarm cables); communication and paging systems; access control, time and data control systems. Can be used in dry and wet interiors for fixed installation on and under plaster.

This cable is used also as a voice line in intercom units and telephone extensions for fixed installation in dry and damp rooms, as well as on external walls, protected against direct sunlight. Also for outdoor use. Not suitable for burying underground. The static shield made from plastic-laminated metal foil protects the cable circuits against external electrical interferences to maintain the necessary capacitive coupling values and ensure accurate pulse transmission. Installation advice: when laid, these cables must be unwound from the coil or ring without any twists or kinks.

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

J-Y(St)Y Construction:

Conductor material:
Core Insulation:
Core wrapping:
Overall shielding
Outer insulation

Sheath color

Solid bare copper class 1
PVC compound TI2 (Polyvinyl chloride)
Polyester tape
Plastic Aluminum-laminated foil
PVC compound TM2 (Polyvinyl chloride)
Flame retardant according to EN 60332-1-2
Grey (RAL 7032)

Technical Data:

Insulation resistance:

Loop resistance:

Cable attenuation:

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

Fixed installation:

MΩ x km min. 100
at 0.6m: max. 130 Ohm/km,
at 0.8 m: max. 73 Ohm/km
at 800Hz max. 1.12 dB/km
pF ≤300
300 V
800 V
800 V
-5°C to +50 °C
-30°C to +70 °C
15 x cable diameter
7.5 x cable diameter

J-Y(St)Y

Dimensions:

Cable Description	Nominal Cable Diameter (mm)	Nominal Cable Weight (kg/km)	packaging
1 x 2 x 0.6	4.3-4.4	22-23	100/500
2 x 2 x 0.6	4.9-5.0	35-36	100/500
3 x 2 x 0.6	6.1-6.3	47-49	500
4 x 2 x 0.6	6.6-6.8	56-58	500
5 x 2 x 0.6	7.0-7.2	57-59	500
6 x 2 x 0.6	7.5-7.7	65-68	500
8 x 2 x 0.6	8.0-8.2	88-90	500
10 x 2 x 0.6	9.0-9.2	106-108	500
1 x 2 x 0.8	4.6-4.7	27-29	500
2 x 2 x 0.8	6.1-6.2	52-54	500
3 x 2 x 0.8	8.0-8.2	75-77	500
4 x 2 x 0.8	8.6-8.8	92-94	500
5 x 2 x 0.8	9.3-9.5	110-112	500
6 x 2 x 0.8	10.1-10.3	132-135	500
8 x 2 x 0.8	10.9-11.1	150-152	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.