

Cable for industrial electronics JE-Y(St)Y ... FR



Conductor material:	copper, bare
Conductor class:	class 1 = solid
Insulation:	PVC Y11
Screen:	foil
Sheathing material:	special PVC-compound
Colour outer sheath:	grey
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, in motion/ during installation, °C:	-5 - +50 °C
Bending radius, fixed installation:	7,5 x DA
Bending radius, moving application:	15 x DA
Insulation resistance:	100 MOhm \times km
Maximum operating capacity:	100 nF/km
Loop resistance:	73,2 Ohm/km
peak operating voltage:	225 V
Attenuation at 800 Hz:	1,1

Application: For signal transmission between electronic devices, in computer systems, process control units office equipment. For installation in dry and wet rooms.

Additional information:

Stranding:

- cores twisted into pairs
- 4 pairs layed up into sub-units (2-pairs cable stranded as one star-quad)
- sub-units layed up in layers

Core identification:

The basic colour of each bunch are continuous sequence: blue, red, grey, yellow, green, brown, white, black

The bundles are identified by the colour of the rings on the insulating core.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics JE-Y(St)Y ... FR

p/n	part name	D _A [mm]	Cu [kg/km]	G [kg/km]
100851	JE-Y(St)Y...FR 02X2X0,8 GR	6,5	25	60
100852	JE-Y(St)Y...FR 04X2X0,8 GR	8	45	90
100853	JE-Y(St)Y...FR 08X2X0,8 GR	10,5	85	150
100854	JE-Y(St)Y...FR 12X2X0,8 GR	11,5	126	200
100855	JE-Y(St)Y...FR 16X2X0,8 GR	12,5	166	260
100856	JE-Y(St)Y...FR 20X2X0,8 GR	16,5	206	315
100857	JE-Y(St)Y...FR 32X2X0,8 GR	19	327	510
100858	JE-Y(St)Y...FR 40X2X0,8 GR	20	407	610
100859	JE-Y(St)Y...FR 02X2X0,8 BL	6,5	25	60
100860	JE-Y(St)Y...FR 04X2X0,8 BL	8	45	90
100861	JE-Y(St)Y...FR 08X2X0,8 BL	10,5	85	150
100862	JE-Y(St)Y...FR 12X2X0,8 BL	11,5	126	200
100863	JE-Y(St)Y...FR 16X2X0,8 BL	12,5	166	260
100864	JE-Y(St)Y...FR 20X2X0,8 BL	16,5	206	315
100865	JE-Y(St)Y...FR 32X2X0,8 BL	19	327	510
100866	JE-Y(St)Y...FR 40X2X0,8 BL	20	407	610

DA Outer diameter approx.

Cu Copper weight (GER)

G net weight