

# Cable for industrial electronics

## JE-Y(St)Y ... FR



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

### Construction and technical data:

<b>CPR-classification according to EN 50575:</b>	Dca s3 d2 a3
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 1 = solid
<b>Insulation:</b>	PVC YI1
<b>Screen:</b>	Foil
<b>Sheathing material:</b>	special PVC-compound
<b>Colour of outer sheath:</b>	grey
<b>Flame-retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Bending radius, moving application:</b>	15 x Ø
<b>Insulation resistance:</b>	100 MOhm <sub>x</sub> km



*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.*

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.

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<b>Loop resistance:</b>	73.2 Ohm/km
<b>Maximum operating capacity:</b>	100 nF/km
<b>Attenuation at 800 Hz:</b>	1.1
<b>peak operating voltage, V:</b>	225 V

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
100851	02X2X0.8 GY	6.5	25	60
100852	04X2X0.8 GY	8	45	90
100853	08X2X0.8 GY	10.5	85	150
100854	12X2X0.8 GY	11.5	126	200
100855	16X2X0.8 GY	12.5	166	260
100856	20X2X0.8 GY	16.5	206	315
100857	32X2X0.8 GY	19	327	510
100858	40X2X0.8 GY	20	407	610
100859	02X2X0.8 BU	6.5	25	60
100860	04X2X0.8 BU	8	45	90
100861	08X2X0.8 BU	10.5	85	150
100862	12X2X0.8 BU	11.5	126	200
100863	16X2X0.8 BU	12.5	166	260
100864	20X2X0.8 BU	16.5	206	315
100865	32X2X0.8 BU	19	327	510
100866	40X2X0.8 BU	20	407	610

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000