

# Cable for industrial electronics

## JE-LiYCY ... FR



**Application:** For signal transmission between electronic devices, in computer systems or process control units with increased requirements to electromagnetic compatibility. For installation in dry and wet rooms.

### Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	strand, 7-wired construction
<b>Insulation:</b>	PVC TI1
<b>Core wrapping:</b>	plastic foil
<b>Screen:</b>	tinned copper braid
<b>Sheathing material:</b>	PVC YM1
<b>Colour of outer sheath:</b>	grey RAL 7032
<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>	10 x Ø
<b>Insulation resistance:</b>	100 MOhm x 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 - 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>	78.4 Ohm/km
<b>Maximum operating capacity:</b>	120 nF/km
<b>Test voltage:</b>	0.5 kV
<b>Core identification:</b>	colours acc. to VDE 0815
<b>peak operating voltage, V:</b>	225 V

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
100949	02X2X0.5 Bd Si	7	48	81
100953	04X2X0.5 Bd Si	8.4	84	137
101037	08X2X0.5 Bd Si	12.3	140	194

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000