Cable for industrial electronics
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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:

Conductor material:	copper, bare
Conductor construction:	strand, 7-wired construction
Insulation:	PVC TI1
Core wrapping:	plastic foil
Screen:	tinned copper braid
Sheathing material:	PVC YM1
Colour of outer sheath:	grey RAL 7032
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, moved, °C:	-5 - +50 °C
Bending radius, fixed installation:	10 x Ø
Insulation resistance:	100 MOhmxkm

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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Loop resistance:	78.4 Ohm/km
Maximum operating capacity:	120 nF/km
Test voltage:	0.5 kV
Core identification:	colours acc. to VDE 0815
peak operating voltage, V:	225 V

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

Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight