industrial electronic cable
A-LiY(St)YCY ... FR BdSi

Application: For signal transmission in measurement, control and data systems. For fixed installation in dry and damp rooms as well as outdoors.

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.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	strand, 7-wired construction
Insulation:	PVC
Core wrapping:	plastic foil
Material inner sheath:	PVC
Screen:	tinned copper braid
Screen over strand:	aluminium foil + tinned copper braid
Drain wire:	yes
Sheathing material:	PVC
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +50 °C
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.

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Loop resistance: 78.4 Ohm/km

Maximum operating capacity: 120 nF/km

Test voltage: 0.5 kV

peak operating voltage, V: 225 V

capacitive coupling at 800 Hz: 200 pF

part no.	part name	Ø [mm]	Cu	G [kg]
101992	01X2X0.5	10.7	52.5	141

Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

