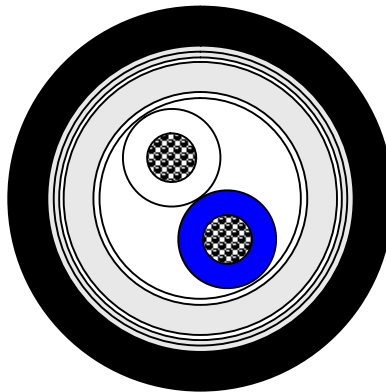




ICS LONAK® 1x2xAWG16/7 GST PE

Building automation cable



Application

Fixed indoor installations
LON cabling
Building automation

Flame Resistance

Construction

Conductor	stranded copper wires, tinned 1.3 mm ² , 7x0.49, Ø 1.47 mm
Insulation	PE, Ø 1.69 mm
Conductor identification	1 x white, 1 x blue
Pair stranding	2 conductors to the pair
Cable lay up	1 pair to the core
Wrapping	1 x PET foil
Rip cord and identification thread	yes
Inner sheath	PVC, grey RAL 7035, Ø 7.0 mm
Wrapping	1 x PET foil
Armouring	2 x galvanized steel tapes 15x0.20 mm
Outer sheath	PE, Ø 10.3 mm
Colour	black RAL 9005
Marking	DRAKA ICS LONAK® GST 1x2xAWG16/7 PE + batch number and meter marking

Mechanical Properties

Operating temperature	- 30 °C up to + 70 °C
Min. Installation temperature	- 5 °C
Minimum bending radius	10 x D
Minimum bending radius (during pulling)	15 x D
Maximum pulling force	130 N

Electrical Properties

at 20°C

Loop DC resistance (max.)	28 Ω/km
Insulation resistance (at 500 V, 1 min.)	100 MΩ*km
Mutual capacitance at 800 Hz (max.)	72 nF/km
Velocity factor	0.67
Max. operating voltage DC	75 V
Test voltage conductor/conductor	3.5 kV



ICS LONAK[®] 1x2xAWG16/7 GST PE

Technical Data

Part number	Cable type DIN/VDE	Dimension	Product name	Outer diameter mm mm	Standard length m	weight kg/km	Copper content
1003581	2Y(St)YB2Y	1x2x1.3 mm ²	ICS LONAK [®] 1x2xAWG16/7 GST PE	10.5 mm	1000	165	27.1