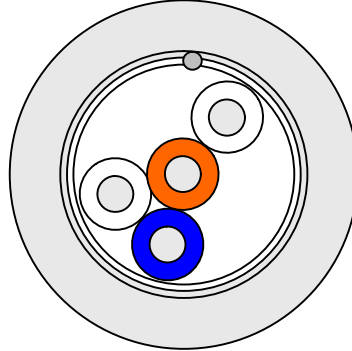




LONAK[®] 2x2x0.65

Building automation cable



Application

Fixed indoor installations
LON cabling
Building automation

Flame Resistance

IEC 60332-1

Construction

Conductor	Copper wire, tinned 0.34 mm ² , Ø 0.65 mm
Insulation	PE, 1.55 mm Ø
Conductor identification	Pair 1: white, blue, Pair 2: white, orange
Stranding	2 conductors to the pair
Cable lay up	2 pairs to the core
Wrapping	1 x PET foil
Overall shielding	Laminated AL-foil + copper drain wire
Rip cord and identification thread	yes
Outer sheath	PVC, grey RAL 7035, Ø 7.1 mm
Marking	DRAKA LONAK 2x2x0.65, 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	65 N

Electrical Properties

at 20°C

Loop DC resistance (max.)	106 Ω/km
Insulation resistance (at 500 V, 1 min.)	100 MΩ*km
Mutual capacitance at 800 Hz (max.)	49 nF/km
Velocity factor	0.67
Resistance unbalance (max.)	3 %
Capacitance unbalance (max.)	1600 pF/m
Max. operating voltage DC	75 V
Test voltage conductor/conductor	2 kV DC, 1 min.
Test voltage conductor/screen	2 kV DC, 1 min.



LONAK[®] 2x2x0.65

Technical Data

Part no. SAP	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content
1003579 CS2638100 L432911	LONAK 2x2x0.65 PVC	2x2x0.65 mm	7.1	1000	43	16.5