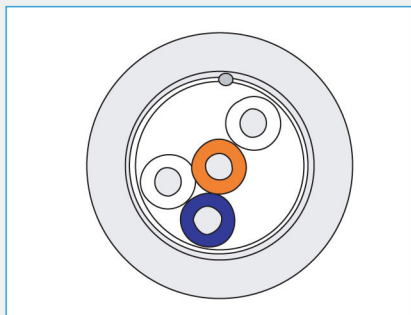


LONAK[®] 2x2x0.65

Building automation cable



Application

- Fixed indoor installations
- LON cabling
- Building automation

Fire Rating

- 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
Outer Diameter	Nom. 7.1 mm
Weight	Nom. 43 kg/km

Mechanical Properties

Operating temperature	- 30°C 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.

Ordering Information

P/N	Product Description	P.U
1003579 CS2638100 L432911	2x2x0.65 mm, Building automation cable, LONAK [®] 2x2x0.65	1000m/drum