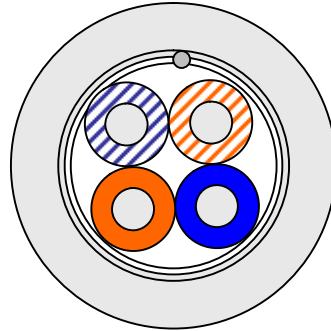


LONAK[®] 2x2x0.8

Building automation cable



Application

Fixed indoor installations
LON cabling
Building automation

Flame Resistance

IEC 60332-1

Construction

Conductor	Copper wire, tinned 0.5 mm ² , Ø 0.80 mm
Insulation	PVC, 1.6 mm Ø
Conductor identification	Pair 1: white-blue, blue, Pair 2: white-orange, orange
Stranding	4 conductors to the quad
Cable lay up	1 quad 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 7.0 mm
Marking	DRAKA LONAK 2x2x0.8, 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	100 N

Electrical Properties

at 20°C

Loop DC resistance (max.)	73 Ω/km
Insulation resistance (at 500 V, 1 min.)	100 MΩ*km
Mutual capacitance at 800 Hz (max.)	98 nF/km
Velocity factor	0.55
Max. operating voltage DC	75 V
Test voltage conductor/conductor	2.25 kV DC, 1 min.
Test voltage conductor/screen	1.5 kV DC, 1 min.

LONAK[®] 2x2x0.8

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Technical Data

Part no. SAP	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content
1003580 CS2638200 L432498	LONAK 2x2x0.8 PVC	2x2x0.8 mm	7.0	1000	54	23.5

[PRODUCT CODE TABLE]

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