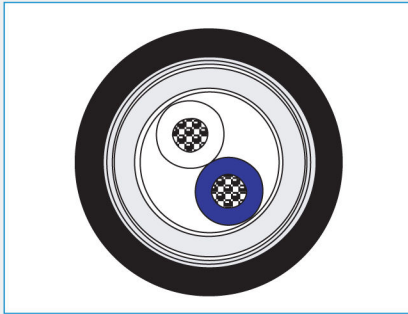


# LONAK<sup>®</sup> 2 x 1.3 mm<sup>2</sup> ARM

Building automation cable



## Application

- Fixed indoor installations
- LON cabling
- Building automation

## Construction

<b>Conductor</b>	Stranded copper wires, tinned 1.3 mm <sup>2</sup> , 7x0.49 mm, Ø 1.47 mm
<b>Insulation</b>	PE, 2.69 mm Ø
<b>Conductor identification</b>	1 x white, 1 x blue
<b>Pair stranding</b>	2 conductors to the pair
<b>Cable lay up</b>	1 pair to the core
<b>Wrapping</b>	1 x PET foil
<b>Rip cord and identification thread</b>	yes
<b>Inner sheath</b>	PVC, grey RAL 7035, Ø 7.0 mm
<b>Wrapping</b>	1 x PET foil
<b>Armouring</b>	2 x galvanized steel tape 15x0.20 mm
<b>Outer sheath</b>	PE, black RAL 9005, Ø 10.3 mm
<b>Outer Diameter</b>	Nom. 10,3 mm
<b>Weight</b>	Nom. 172 kg/km

## Mechanical Properties

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

## Electrical Properties at 20°C

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

## Ordering Information

P/N	Product Description	P.U
60013680 (1003581) (L432494)	2x1.3 mm <sup>2</sup> , Building automation cable, LONAK <sup>®</sup> 2 x 1.3 mm <sup>2</sup> ARM	1000m/drum