GAMA-LON 2x2x0,65

LON – network cable



Application

Fixed indoor installations
LON cabling
Building automation

Technical data

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.

Cable design

- Conductor Copper wire, tinned 0.34 mm2, Ø 0.65 mm
- Insulation PE, Ø 1.55 mm
- 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 + tinned copper drain wire
- Rip cord and identification thread
- Outer sheath PVC, grey, Ø 7.3 mm

Construction	Outer Diameter	Copper Weight	Cable Weight
No x mm	mm	kg/km	kg/km
2 x 2 x 0,65	7,30	17	53

Gamakabel