GAMA-LON 2x2x0,80

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 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.

Cable design

- Conductor Copper wire, tinned 0,5 mm^2, Ø 0,80 mm
- Insulation PE, Ø 1,6 mm
- Conductor identification Pair 1: white, blue, Pair 2: white, green
- Stranding 4 conductors to the quad
- 1 quad 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 7,0 mm

Construction	Outer Diameter	Copper Weight	Cable Weight
No x mm	mm	kg/km	kg/km
2 x 2 x 0,80	7,00	23,5	68

Gamakabel