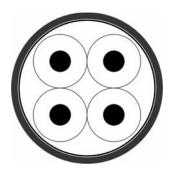


RoHS E-BUS



Type Cable structure

Inner conductor: Core insulation: Core colours: Stranding element: Shielding 1: Shielding 2: Total shielding:

Drain wire:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Electrical data

Characteristic impedance: Conductor resistance: Insulation resistance: Mutual capacitance:

Technical data

Weight: Min. bending radius for laying: Operating temperature range min.: Operating temperature range max.: Caloric load, approx. value: Copper weight:

NormsApplicable standards:

HELUKABEL E-BUS

2-pairs 2x2x0.8 mm

Copper, bare PE wh, ye, rd, bk Star quad

Polyester foil over stranded bundle

Polyester foil, aluminium-lined yes

FRNC approx. 6,6 mm ± 0,3 mm Blue Lilac similar to RAL 4005

100 Ohm 73,2 Ohm/km max. 0,10 GOhm x km min. 100,0 nF/km nom.

approx. 54,0 kg/km 95,0 mm -30°C +70°C 0,58 MJ/m 25,0 kg/km

4-pairs 4x2x0.8 mm

Copper, bare PVC wh, ye, rd, gn, bu, bn, wh, wh

Double core

Polyester foil over stranded bundle

-Do

Polyester foil, aluminium-lined

yes PVC

approx. $8.2 \text{ mm} \pm 0.4 \text{ mm}$ Blue Lilac similar to RAL 4005

100 0hm 73,2 0hm/km max. 0,10 G0hm x km min. 100.0 nF/km nom.

approx. 92,0 kg/km 120,0 mm

-30°C +70°C 1,37 MJ/m 41,0 kg/km

EIB standard

Application

The E-bus cable is used for the transmission of bus signals for intelligent systems in buildings. The cables ensure perfect communication in accordance with EIB regulations (European installation bus). They can be layed over, in, or below the plaster, in pipes and pipe ducts, in dry, moist, and wet areas, as well as outside, provided they are protected against direct exposure to the sun. Wiring together with high-power supply cables is possible without limitation. The EIB bus can be used to control lighting, blinds, heating, ventilation, indicator boards, etc.

Part no. 80826, E-BUS **81077**, E-BUS

EIB standard

Dimensions and specifications may be changed without prior notice.





