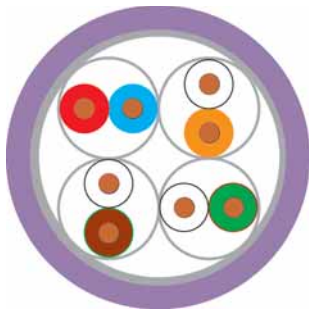


BUS Cables

E-BUS / KNX fixed installed



Type Cable structure

Inner conductor: Copper, bare
Core insulation: PVC
Core colours: wh, ye, rd, gn, bu, bn, wh, wh
Stranding element: Double core
Separator: Polyester foil over stranded bundle
Shielding 1: -
Total shielding: Al-Foil
Drain wire: yes
Outer sheath material: PVC
Cable external diameter: app. 8,6 mm ± 0,3 mm
Outer sheath colour: Blue Lilac similar to RAL 4005

Electrical data

Characteristic impedance: 100 Ohm
Conductor resistance, max.: 36,6 Ohm/km
Insulation resistance, min.: 0,1 GOhm x km
Loop resistance: 73,2 Ohm/km max.
Mutual capacitance: 120 nF/km nom.
Test voltage: 4 kV

Technical data

Weight: app. 92 kg/km
bending radius, repeated: 120 mm
Operating temperature range min.: -30°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 1,37 MJ/m
Copper weight: 41,00 kg/km

Norms

Applicable standards: EIB/KNX standard
Flame-retardant acc. IEC 60332-2-1

Application

Part no. 81077, E-BUS / KNX

Dimensions and specifications may be changed without prior notice.