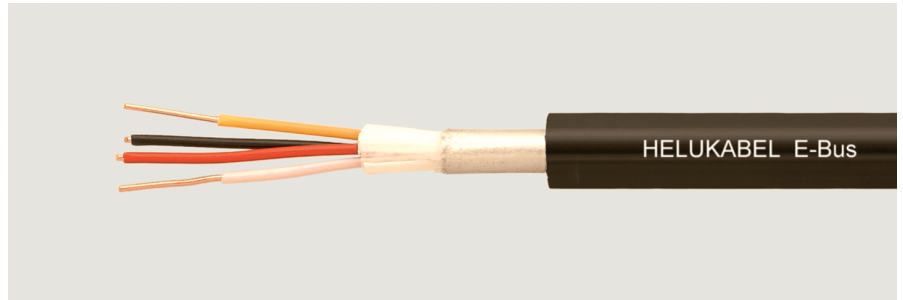


BUS Cables

E-BUS / KNX BURIAL fixed installed

HELUKABEL®

PE, BURIAL



Type Cable structure

Inner conductor:
Core insulation:
Core colours:
Stranding element:
Separator:
Shielding 1:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Direct burial 2x2x0.8 mm

Copper, bare
PE
wh, ye, rd, bk
Star quad
Polyester foil over stranded bundle
-
Al-Foil
PE
app. 8,8 mm ± 0,3 mm
Black similar to RAL 9005

Electrical data

Characteristic impedance: 100 Ohm
Conductor resistance, max.: 36,6 Ohm/km
Insulation resistance, min.: 5 GOhm x km
Loop resistance: 73,2 Ohm/km max.
Mutual capacitance: 55 nF/km nom.
Test voltage: 0,8 kV

Technical data

Weight: app. 75 kg/km
bending radius, repeated: 130 mm
Operating temperature range min.: -20°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 2,00 MJ/m
Copper weight: 25,00 kg/km

Norms

Applicable standards: EIB/KNX standard
Halogen-free acc. to 60754-1

Application

HELUKABEL® E-BUS / KNX ERD with PE jacket for fixed installation in the ground or outdoors and as a connection between buildings or to EIB/KNX components on the building. They can be installed over, in and under plaster, in conduits and cable channels, in dry, damp and wet rooms as well as outdoors - if protected from direct sunlight. Wiring together with high-power cables is possible without limitation. The EIB/KNX bus can be used to control lighting, blinds, heating, ventilation, indicator boards etc.

Part no. 802800, E-BUS / KNX BURIAL

Dimensions and specifications may be changed without prior notice.