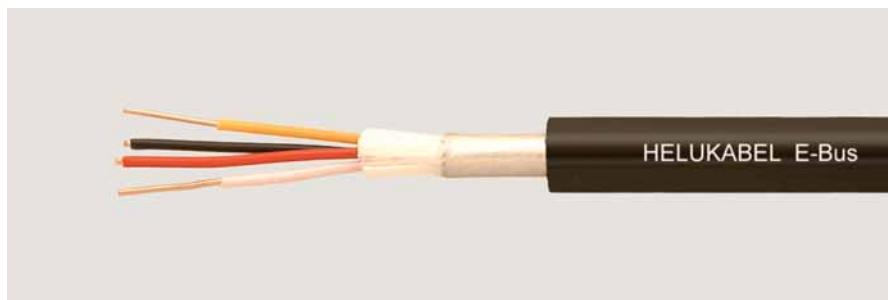


# BUS Cables

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.