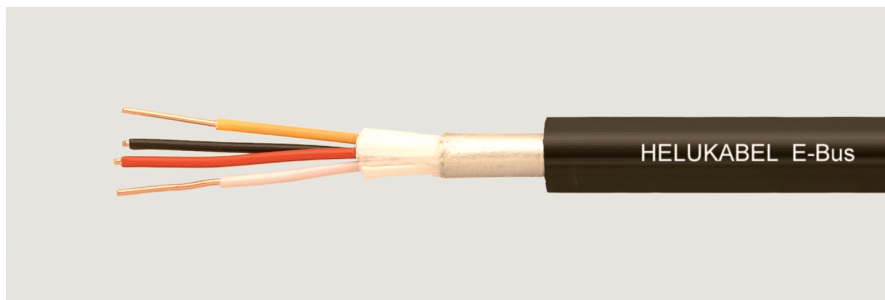


# BUS Cables

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. 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.