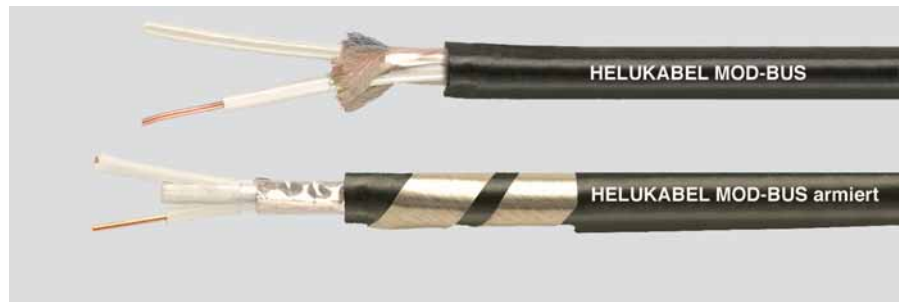
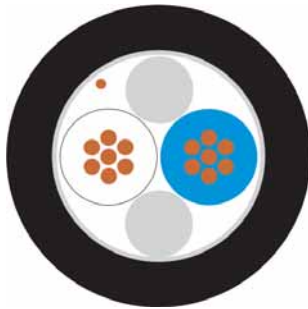


# BUS Cables

MOD-BUS fixed installed

**HELUKABEL®**

PVC + armoured



## Type Cable structure

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

## Fixed installation, indoor 1x2x0,75-105 LI

Copper, bare (AWG 19)  
PE  
wh, bu  
2 cores + 2 fillers stranded together  
Polyester foil over stranded bundle  
-  
Al-Foil  
-  
yes  
-  
PVC  
app. 7,5 mm ± 0,3 mm  
Black similar to RAL 9005

## Fixed installation, indoor 1x2x0,75-105 LI armoured

Copper, bare (AWG 19)  
PE  
wh, bu  
2 cores + 2 fillers stranded together  
Polyester foil over stranded bundle  
PVC  
Al-Foil  
-  
yes  
Steel band  
PVC  
app. 10,0 mm ± 0,5 mm  
Black similar to RAL 9005

## Electrical data

Characteristic impedance:  
Conductor resistance, max.:  
Insulation resistance, min.:  
Loop resistance:  
Nominal voltage:

105 Ohm ± 20 Ohm  
25 Ohm/km  
1 GOhm x km  
50 Ohm/km max.  
300 V

105 Ohm ± 20 Ohm  
25 Ohm/km  
1 GOhm x km  
50 Ohm/km max.  
300 V

## Technical data

Weight:  
bending radius, repeated:  
Operating temperature range min.:  
Operating temperature range max.:  
Copper weight:  
Applicable standards:

app. 70 kg/km  
80 mm  
-30°C  
+70°C  
28,00 kg/km  
Flame-retardant acc. to IEC 60332-3

app. 130 kg/km  
200 mm  
-30°C  
+70°C  
28,00 kg/km  
Flame-retardant acc. to IEC 60332-3

## Application

HELUKABEL® MOD-Bus PVC for standard application in this industry network.

## Part no.

**805698**, MOD-Bus Single Pair

**805697**, MOD-Bus Single Pair armoured

Dimensions and specifications may be changed without prior notice.