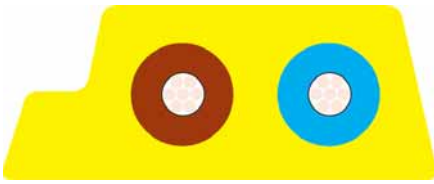


# BUS Cables

A-BUS TPE, UL CMG

**HELUKABEL®**

TPE 105°



## Type Cable structure

Inner conductor:  
Core insulation:  
Core colours:  
Separator:  
Shielding 1:  
Total shielding:  
Outer sheath material:  
Outer sheath colour:

## Mobile use 2x1.5 mm<sup>2</sup>

Copper, tinned  
TPE  
bu, bn  
-  
-  
-  
TPE  
Yellow

## Mobile use 2x1.5 mm<sup>2</sup>

Copper, tinned  
TPE  
bu, bn  
-  
-  
-  
TPE  
Black

## Electrical data

Conductor resistance, max.:  
Insulation resistance, min.:  
Loop resistance:  
Nominal voltage:  
Test voltage:

13,7 Ohm/km  
1 GOhm x km  
27,4 Ohm/km max.  
32 V  
1,5 kV at 15 min.

13,7 Ohm/km  
1 GOhm x km  
27,4 Ohm/km max.  
48 V  
1,5 kV at 15 min.

## Technical data

Weight:  
bending radius, repeated:  
Operating temperature range min.:  
Operating temperature range max.:  
Caloric load, approx. value:  
Copper weight:

app. 71 kg/km  
24 mm  
-40°C  
+105°C  
1,10 MJ/m  
31,00 kg/km

app. 70 kg/km  
24 mm  
-40°C  
+105°C  
1,10 MJ/m  
31,00 kg/km

## Norms

Applicable standards:  
UL Style:  
CSA standard:

ASI standard  
Flame-retardant acc. to IEC 60332-1-2  
CL2 CMG  
CSA FT 4

ASI standard  
Flame-retardant acc. to IEC 60332-1-2  
CL2 CMG  
CSA FT 4

## Application

HELUKABEL® A-Bus TPE UL/CSA for demanding temperature requirements up to 105 °C and with improved flame retardance specifically for the American market. The special outer sheath makes the cable resistant to many oils, greases and cooling lubricants and thus suitable for applications in wet surroundings, in machinery and plant construction as well as in the machine tool and automotive industries.

## Part no.

**805693**, A-BUS UL

**805694**, A-BUS UL

Dimensions and specifications may be changed without prior notice.