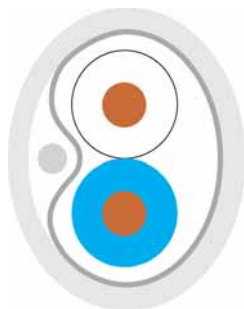


BUS Cables

LON BUS H122 + Y116

HELUKABEL®

FRNC + PVC



Type

Cable structure

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

Fixed installation, indoor 1x2xAWG 22/1

Copper, bare (AWG 22/1)
Foam-skin-PE
wh, bu
Double core
Polyester foil over stranded bundle
-
Al-Foil
yes
FRNC
app. 4,4 mm ± 0,3 mm
White

Mobile use

1x2xAWG 16/19

Copper, tinned (AWG 16/19)
PVC
wh, bk
Double core
Polyester foil over stranded bundle
-
-
-
PVC
app. 7,0 mm ± 0,4 mm
Grey similar to RAL 7001

Electrical data

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

100 Ohm ± 10 %
57 Ohm/km
5 GOhm x km
114 Ohm/km max.
45 nF/km nom.
125 V
0,7 kV

85 Ohm ± 15 %
14 Ohm/km
0,02 GOhm x km
28 Ohm/km max.
100 nF/km nom.
300 V
2 kV

Technical data

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

app. 25 kg/km
70 mm
-20°C
+75°C
0,337 MJ/m
11,00 kg/km
Halogen-free acc. to 60754-1
Flame-retardant acc. to IEC 60332-1-2

app. 65 kg/km
85 mm
-20°C
+80°C
1,25 MJ/m
30,00 kg/km
Flame-retardant acc. to IEC 60332-1-2

Application

HELUKABEL® LON BUS H122 FRNC for fixed installation; version Y116 for mobile applications. For both versions: Use indoors is in fixed installations (H122) and as a patch cable (Y116) and must comply with DIN EN 50090-2-2 (VDE 0892 Part 2-2:1997-06).

Part no.

802187, LON H122

802188, LON Y116

Dimensions and specifications may be changed without prior notice.

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