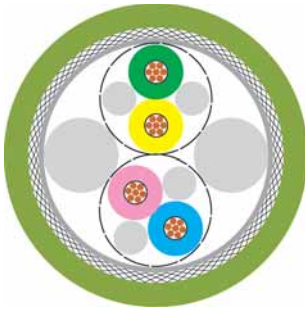


BUS Cables

HMCB200 fixed installed

 **HELUKABEL®**

PVC



Type

Cable structure

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

Fixed installation, indoor

2x2x0,22qmm

Copper, bare (AWG 24/7)
Foam-skin-PE
gn, ye, pk, bu
Double core
Polyester foil over stranded bundle
Al-Foil
AL-Foil + braid
PVC
app. 6,85 mm ± 0,15 mm
Green similar to RAL 6018

Electrical data

Characteristic impedance: 100 Ohm ± 15 Ohm at 1 to 100 MHz
Conductor resistance, max.: 94,2 Ohm/km
Insulation resistance, min.: 1 GOhm x km
Loop resistance: 188,4 Ohm/km max.
Mutual capacitance: 50 nF/km nom.
Test voltage: 0,5 kV

Typical values

Frequency (MHz)	10	16	62,5	100
Attenuation (db/100m)	8,0	10,0	20,0	27,0
Next (db)	56,0	53,0	43,0	40,0
ACR (db)	48,0	43,0	23,0	13,0

Technical data

Weight: app. 63 kg/km
bending radius, repeated: 70 mm
Operating temperature range min.: -20°C
Operating temperature range max.: +80°C
Caloric load, approx. value: 0,92 MJ/m
Copper weight: 35,00 kg/km

Norms

Applicable standards: Flame-retardant acc. to IEC 60332-1-2
UL Style: AWM Style 2502 AWM I/II A/B 80°C 30V FT1

Application

HELUKABEL® HMCB200 for fixed installation and slight occasional movement, range up to 100m. This cable is used in Siemens Systems. Typical plugs are RJ45 Industrial IP20 Siemens or Y-Con RJ45 Yamaichi or round M-Connectors from Molex.

Part no.

802471, HMCB200

Dimensions and specifications may be changed without prior notice.

* Drive Cliq is registered trademark from Siemens AG.