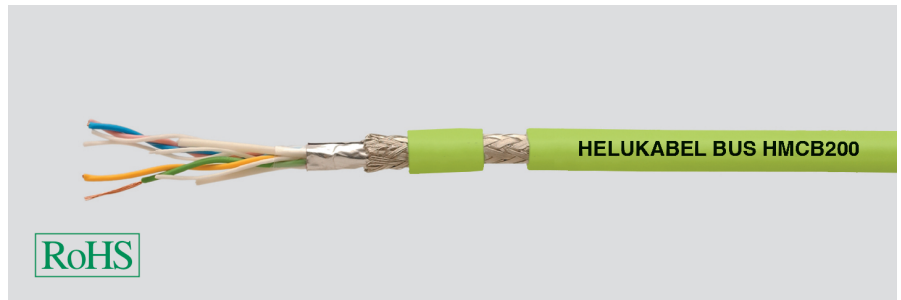
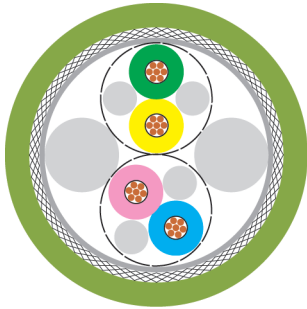


# BUS Cables

## HMCB200 fixed installed



PVC



### Type Cable structure

Inner conductor diameter:  
Core insulation:  
Core colours:  
Stranding element:  
Separator:  
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 + braid  
PVC  
app. 6,85 mm  $\pm$  0,15 mm  
Green similar to RAL 6018

### Electrical data

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

100 Ohm  $\pm$  15 Ohm at 1 to 100 MHz  
94,2 Ohm/km  
1 GOhm x km  
188 Ohm/km max.  
50 nF/km nom.  
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:  
bending radius, repeated:  
Operating temperature range min.:  
Operating temperature range max.:  
Caloric load, approx. value:  
Copper weight:

app. 63 kg/km  
70 mm  
-20°C  
+80°C  
0,92 MJ/m  
35,00 kg/km

### Norms

Applicable standards:  
UL Style:

Flame-retardant acc. to IEC 60332-1-2  
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.