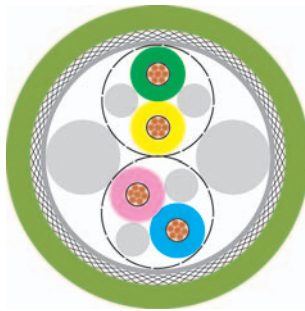


BUS Cables

HMCB200

HELUKABEL

fixed installed



Type

Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Shielding 1:
Shielding 2:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor

2x2x0,22qmm

Copper, bare (AWG 22/7)
Foam-skin-PE
gn, ye, pk, bu
Double core
Polyester foil over stranded bundle
Polyester foil, aluminium-lined
Cu braid, tinned
PVC
approx. 6,8 mm \pm 0,15 mm
Green similar to RAL 6018

Electrical data

Characteristic impedance: 100 Ohm \pm 15 ohm at 1 to 100 MHz
Conductor resistance, max.: 87,6 Ohm/km
Insulation resistance, min.: 1 GOhm x km
Loop resistance: 175 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)	47,0	44,0	35,0	32,0
ACR (db)	39,0	34,0	15,0	5,0

Technical data

Weight: approx. 71 kg/km
bending radius, repeated: 100 mm
Operating temperature range min.: -20°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 0,92 MJ/m
Copper weight: 35,00 kg/km

Norms

UL Style: AWM Style 2502 AWM I/II A/B 80°C 30V FT1

Application

These signal cables, designed specifically for use in heavy-duty industries, are the ideal solution for MOTION-CONNECT 200, 500 and 800** series applications. They guarantee superior transmission properties and can be used under the most severe conditions. The cable cited here conforms to HMCB200 for fixed installation.

Part no.

802471, HMCB200

Dimensions and specifications may be changed without prior notice.

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** MOTION-CONNECT 200, 500 and 800 series applications are registered trademarks of the Siemens AG.