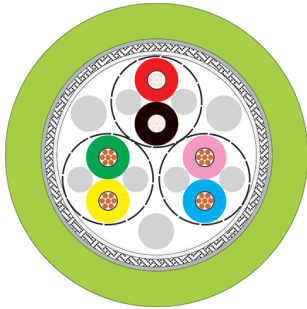


BUS Cables

HMCB800 Drag Chain



PUR



Type

Cable structure

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

Drag Chain applications

2x2x0,20qmm + 1x2x0,38qmm

Copper, bare (AWG 25/19)
Copper, tinned (AWG 22/19)
PE
PE
gn, ye, pk, bu
rd, bk
Double core
-
-
AL-Foil + braid
PUR
app. 6,95 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
100 Ohm/km
1 GOhm x km
270 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)	47,0	44,0	35,0	32,0
ACR	(db)	39,0	34,0	15,0	5,0

Technical data

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

app. 61 kg/km
75 mm
-20°C
+60°C
0,90 MJ/m
40,00 kg/km

Norms

Applicable standards:

Halogen-free acc. to 60754-2
Flame-retardant acc. to IEC 60332-1-2
AWM Style 20236 AWM I/II A/B 80°C 30V FT1
CSA FT1

Application

HELUKABEL® HMCB800W is designed for the most demanding continuous moving requirements in cable carriers and ranges up to 70 m without repeater. This cable is ideal solution in Siemens systems.
Typical plugs are RJ45 Industrial IP20 Siemens or Y-Con RJ45 Yamaichi or round M-Connectors from Molex.

Part no.

804767, HMCB800

Dimensions and specifications may be changed without prior notice.

* Drive Cliq is registered trademark from Siemens AG.