

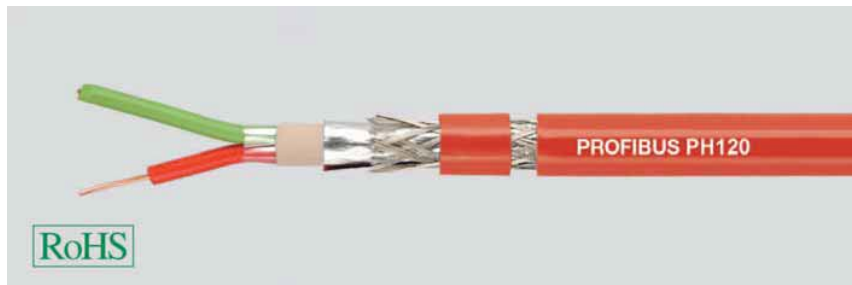
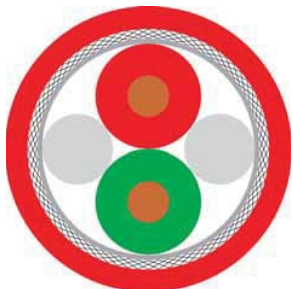
BUS Cables

Profibus fixed installed FRNC

 **HELUKABEL®**

PH 120

NEW



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 1x2x0.64 mm

Copper, bare (AWG 22/1)
Foam-skin-PE
rd, gn
Double core
-
-
AL-Foil + braid
FRNC
app. 8,4 mm ± 0,3 mm
Red

Electrical data

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

150 Ohm ± 10 %
59,1 Ohm/km
1 GOhm x km
118 Ohm/km max.
30 nF/km nom.
0,7 kV
Frequency before after EN50200
 EN50200 PH120
9,6 kHz 2,1 dB/km 2,3 dB/km
38,4 kHz 3,0 dB/km 3,3 dB/km
4 MHz 18,5 dB/km 20,4 dB/km
16 MHz 34,5 dB/km 38,0 dB/km

Technical data

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

app. 93 kg/km
130 mm
-20°C
+70°C
1,46 MJ/m
33,00 kg/km

Norms

Applicable standards:

Profibus acc. to DIN 19245 T3 and EN50170
Halogen-free acc. to 60754-2
Flame-retardant acc. to EN 50265-2-1

Application

HELUKABEL® Profibus FRNC PH120 has a special structure for circuit integrity for 120 minutes and is used for fix installation in buildings.

Part no.

805695, Profibus Circuit Integrity

Dimensions and specifications may be changed without prior notice.