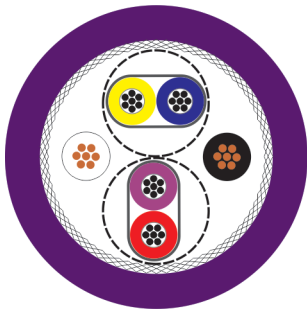


BUS Cables

FIREWIRE Drag Chain



PUR



Type

Cable structure

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

Drag Chain applications

2x2xAWG26/19 + 2xAWG22/19

Copper, tinned (AWG 22/19)
Copper, tinned (AWG 26/19)
PP
Foam-skin-PE
Cu braid, tinned
PUR
app. 8,2 mm
Violet similar to RAL 4001

Electrical data

Characteristic impedance: 100 Ohm \pm 15 %
Conductor resistance, max.: 59,4 Ohm/km
Insulation resistance, min.: 2 GOhm x km
Loop resistance: 120 Ohm/km max.
Mutual capacitance: 45 nF/km nom.
Nominal voltage: 30 V
Test voltage: 0,7 kV

Typical values

Frequency (MHz)	250	400	500	800	1000
attenuation (db/5m)	2,5	3,0	3,6	4,7	5,6

Technical data

Weight: app. 88 kg/km
bending radius, repeated: 98 mm
Operating temperature range min.: -30°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 0,986 MJ/m
Copper weight: 58,00 kg/km

Norms

Applicable standards: Halogen-free acc. to 60754-2
Flame-retardant CSA FT1
UL Style: AWM Style 20236 AWM I/II A/B 80°C 30V FT1

Application

HELUKABEL® FireWire™ Trailing will be used for permanent moving processes.

Part no.

805057, FireWire™

Dimensions and specifications may be changed without prior notice.