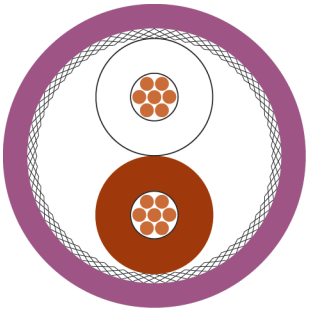
BUS Cables

BUS Cables CAN-Bus 0,75 mm², flexible

HELUKABEL®

PVC



Type	Fixed installation, indoor	Fixed installation, indoor
Cable structure	**1x2x0.75 mm² (stranded)**	**4x1x0.75 mm² (stranded)**
Inner conductor diameter:	Copper, bare (AWG 18/24)	Copper, bare (AWG 18/24)
Core insulation:	Foam-skin-PE	Foam-skin-PE
Core colours:	wh/bn	wh, bn, gn, ye
Stranding element:	Double core	Star quad
Separator:	Polyester foil over stranded bundle	Polyester foil over stranded bundle
Shielding 1:	-	-
Total shielding:	Cu braid, tinned	Cu braid, tinned
Outer sheath material:	PVC	PVC
Cable external diameter:	app. 8,4 mm ± 0,4 mm	app. 8,8 mm ± 0,3 mm
Outer sheath colour:	Violet similar to RAL 4001	Violet similar to RAL 4001
Electrical data		
Characteristic impedance:	120 Ohm ± 15 %	120 Ohm ± 15 %
Conductor resistance, max.:	27,5 Ohm/km	27,5 Ohm/km
Insulation resistance, min.:	1 GOhm x km	1 GOhm x km
Loop resistance:	55 Ohm/km max.	55 Ohm/km max.
Mutual capacitance:	42 nF/km nom.	42 nF/km nom.
Nominal voltage:	300 V	300 V
Test voltage:	1,5 kV	1,5 kV
Technical data		
Weight:	app. 101 kg/km	app. 112 kg/km
bending radius, repeated:	110 mm	110 mm
Operating temperature range min.:	-40°C	-40°C
Operating temperature range max.:	+70°C	+70°C
Caloric load, approx. value:	1,67 MJ/m	1,76 MJ/m
Copper factor:	40,00 per km	58,00 per km
Norms		
Applicable standards:	CAN Bus acc. to ISO 11898-2 Flame-retardant acc. to IEC 60332-1-2	CAN Bus acc. to ISO 11898-2 Flame-retardant acc. to IEC 60332-1-2
UL Style:	UL AWM Style 21695	UL AWM Style 21695
CSA standard:	CSA FT1	CSA FT1

Application

HELUKABEL® CAN Bus for fixed installation and occasion motion, for normal requirements. The 2-pair version is designed with star-quad twisting, i.e. diagonal conductors form an electrical pair and satisfy the requirements of the CAN standard. For cable lengths over 600m (observe CAN specifications).

Part no.		
	803383, CAN BUS	**803384,** CAN BUS

Dimensions and specifications may be changed without prior notice.