EN: This Datasheet/Document is presented by the manufacturer.

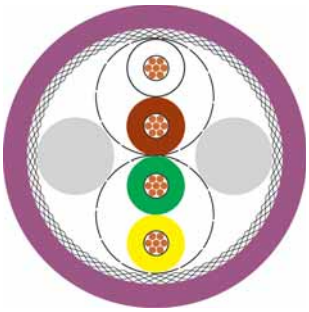
Please visit our website for pricing and availability at www.hestore.hu.

BUS Cables

CAN Bus fixed installed

HELUKABEL®

PVC





Type
Cable structure

Fixed installation, indoor
2x2x0.34 mm² (stranded)

Inner conductor Ø:	Copper, bare (AWG 22/7)
Core insulation:	Foam-skin-PE
Core colours:	wh/bn, gn/ye
Stranding element:	Double core
Separator:	Polyester foil over stranded bundle
Shielding 1:	-
Total shielding:	Cu braid, tinned
Outer sheath material:	PVC
Cable external diameter:	app. 8,5 mm ± 0,3 mm
Outer sheath colour:	Violet similar to RAL 4001

Electrical data

Characteristic impedance:	120 Ohm ± 10 %
Conductor resistance, max.:	55,4 Ohm/km
Insulation resistance, min.:	5 GOhm x km
Loop resistance:	110,8 Ohm/km max.
Mutual capacitance:	40 nF/km nom.
Nominal voltage:	250 V
Test voltage:	1,5 kV

Technical data

Weight:	app. 85 kg/km
bending radius, repeated:	130 mm
Operating temperature range min.:	-40°C
Operating temperature range max.:	+70°C
Caloric load, approx. value:	1,32 MJ/m
Copper weight:	46,00 kg/km

Norms

Applicable standards:	CAN Bus acc. to ISO 11898-2 Flame-retardant acc. to IEC 60332-1-2
UL Style:	CMX 75°C (shielded)
CSA standard:	CSA FT1

Application

HELUKABEL® CAN Bus fixed installations and occasionally motion, for normal requirements. The two signal pairs are provided in the form twisted pairs. As a result, the diameter is somewhat larger than that of 801573. In the event of diameter problems, please have a look at this type. For cable lengths up to max. 40m (observe CAN specifications).

Part no.

803344, CAN BUS

Dimensions and specifications may be changed without prior notice.