

CAN-Cable and Accessories

CAN cable for light industrial environment



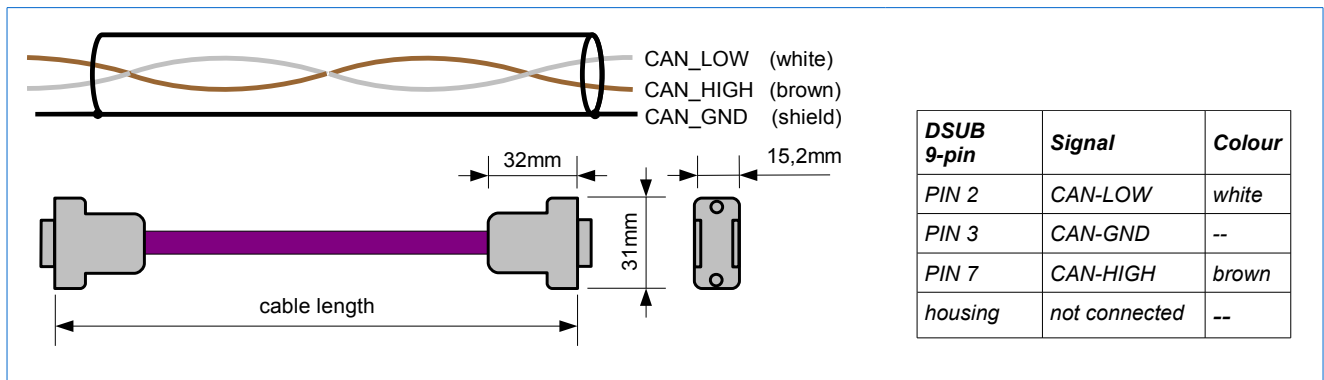
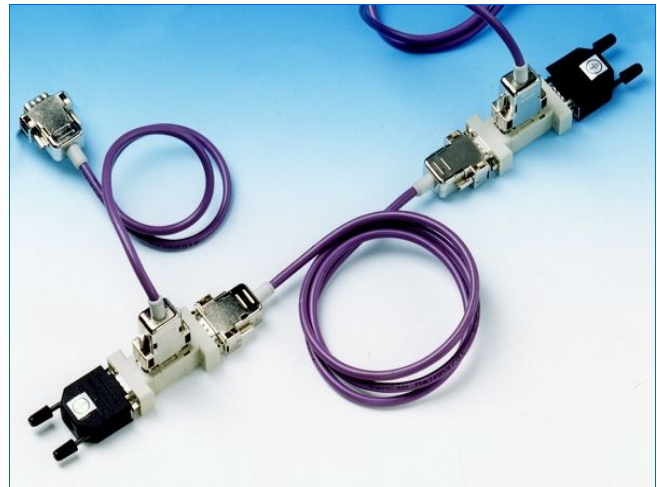
- Complies to CANopen CiA Draft Recommendation 303 Part 1
- Factory build cable assembly
- Easy wiring without tools

Description

This cable is designed for the use in a CAN system. It could be connected to many CAN controllers of esd. The CAN-GND signal is connected to the cable shield to protect the differential signal against electromagnetic influences.

The recommended length for stub lines is 0.3 m. The main bus cable could be interrupted via T-connectors in order to insert CAN nodes. Both ends have to be terminated external via 120 Ω termination.

esd offers CAN repeater with two or three ports and electrical isolation as an option to fit all needs of installation. Please take a look in the product directory for more information.



Technical Specifications:

General:	
Standards:	ISO 11898, CiA DR 303 Part 1
Cable:	
Standards:	DIN 47100, cUL: Style 2464
Type:	2x 0.22 mm ²
Shield:	tinned copper shield
Impedance:	100- 120 Ω
Outer diameter:	5.3 mm
Bending radius:	80 mm
Colour:	violet (according to DESINA® standard)
Ambient temperature:	-40 °C ... +85 °C (fix installations) -5 °C ... +70 °C (flexible installations)
Flammability:	flame retardant and self-extinguishing acc. to VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1

Connectors:	
Type:	9-pin DSUB
Housing:	metallised plastic housing (is not connected to wire or shield) UL94 1/16" HB flame retardant
Bolts:	UNC 4-40
Performance level:	3

Order information:		
Designation		order no.
CAN-Cable-SB, 0.3 m	9-pin male - 9-pin female	C.1322.03
CAN-Cable-SB, 0.5 m	9-pin male - 9-pin female	C.1322.05
CAN-Cable-SB, 1.0 m	9-pin male - 9-pin female	C.1322.10
CAN-Cable-SB, 2.0 m	9-pin male - 9-pin female	C.1322.20
CAN-Cable-SB, 3.0 m	9-pin male - 9-pin female	C.1322.30
CAN-Cable-SB, 4.0 m	9-pin male - 9-pin female	C.1322.40
CAN-Cable-SB, 5.0 m	9-pin male - 9-pin female	C.1322.50
CAN-Cable-SB, 10.0 m	9-pin male - 9-pin female	C.1322.99
CAN-Cable-SS, 1.0 m	9-pin male - 9-pin male	C.1320.10
CAN-Cable-SS, 2.0 m	9-pin male - 9-pin male	C.1320.20
CAN-Cable-BB, 0.3 m	9-pin female - 9-pin female	C.1321.03
CAN-Cable-S, 0.3 m	9-pin male - wire end sleeve	C.1323.03
CAN-Cable-B, 0.3 m	9-pin female - wire end sleeve	C.1323.04

Accessories:		
Termination 120 Ω	9-pin female, PVC housing	C.1301.01
Termination 120 Ω	9-pin male, PVC housing	C.1302.01
Termination manual	(German only)	C.1302.20
T-Connector	PVC housing	C.1311.03
T-Connector manual	(English only)	C.1311.21
CAN-Repeater-I	2x CAN	C.1330.02
CAN-Repeater-I-Opto	2x CAN, electrical isolation	C.1330.06
CAN-Repeater-Y	3x CAN	C.1330.03
CAN-Repeater-Y-Opto	3x CAN, electrical isolation	C.1330.07

All data are subject to change without prior notice.
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