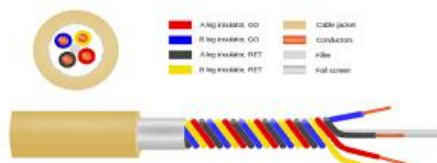


Product Specifications



CAN-BUS PVC star-quad cable 4-core fixed wiring

Standards

CAN Bus acc. to ISO 11898-2
CAN Bus acc. to ISO 11898-2 Flame-retardant acc.
IEC 60332-2-1.



Description

CAN Bus are field bus cables that conform to international CAN standard ISO-11898, CAN Bus (Control Area Network) is a non addressable system which treats all devices as equal allowing fast transmission of data.

Due to its robust nature it has been widely adopted in the automotive industry. Several versions of CAN Bus cables have been developed to meet the fast changing needs of the automation industry.

The PVC jacket version is designed for stationary applications, while the Halogen free PUR version is for highly flexing application.

Applications

CAN Bus for fixed installation and occasion 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 800685. In the event of diameter problems, please have a look at this type . For cable lengths up to 600m (observe CAN specifications) .

Product Specifications

Type Cable structure	Fixed installation, indoor 2x2x0.50 mm² (stranded)
Inner conductor diameter	Copper, bare (AWG 20/7)
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 . 9,6 mm ± 0,3 mm
Outer sheath colour:	Violet similar to RAL 4001

Electrical data

Electrical data	Fixed installation, indoor 2x2x0.50 mm² (stranded)
Characteristic impedance	120 Ohm ± 10 %
Conductor resistance, max	34.4 Ohm/km
Insulation resistance, min	5 GOhm x km
Loop resistance	68.8 Ohm/km max .
Mutual capacitance	40 nF/km nom .
Nominal voltage	250 V
Test voltage	1,5 kV

Product Specifications



Technical data

Technical data	Fixed installation, indoor 2x2x0.50 mm ² (stranded)
Weight	app . 116 kg/km
bending radius, repeated	150 mm
Operating temperature range min .	-40 °C
Operating temperature range max	+70 °C
Caloric load, approx . value	1,62 MJ/m
Copper weight	60,00 kg/km