



CAN Bus Marin 2 pair SHF2, TCu

Flexible 0.75 mm²
2-pair quad
Tinned conductors
DNV-GL



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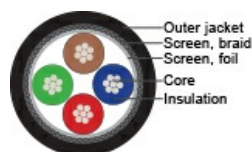
Application

Designed for CAN Bus system for ship- and offshore installations according to the NVEA 2000 standard for transferring of signals at 250 kbit/s. The cable, with its high anti-interference ability and outstanding reliability is well suited for use in ship- and offshore installations.



Construction

Conductor	Flexible tinned Cu 0.75mm ² (24 x 0.20 mm)
Insulation	Foamskin PE 2.95 ± 0.05 [mm]
No. of pairs	2 Pair 1, green/blue Pair 2, red/brown
Sheath	Al/Mylar
Screen	Tinned Cu-braid 80 [% coverage]
Jacket	Black SHF2
O.D.	10.5 [mm]
Weight	140 [kg/km]
Jacket marking	Marine Cable Canbus 2x2x0.75mm ² ""metres YY/MM/DD



Specifications

Operating temperature	-40 – 90 [after inst]
Operating voltage	100 [V]
Test Voltage	1 [kV] for 1 min.
Characteristic Impedance @ 1MHz	120 ± 12 [Ω]
Conductor resistance	<26 [Ω/km]
Insulation resistance	1 [GΩ x km]
Capacitance	40 [pF/m] at 800 - 1000 Hz
Attenuation	13.2 dB/km @ 1 MHz
Min. bending radius flexible	20 [x outer diam]
Min. bending radius installed	10 [x outer diam]

Norms

Halogenfree, max content corrosive and toxic gases	IEC 60754-1, 2
Fire retardant	IEC 60332-3-22 Cat.A
Ozone resistant	DIN VDE 0472 part 805B
Oil and fuel, hydrocarbons resistant	IRM 902 100°C x 24h
Smoke emission	IEC 61034-1, -2
Certification	DNV-GL



Part No. 1087386



Available ABS approved: Part no. 1087381, black and Part no. 1091046 purple.