

CanBus 2x0.75mm² + 0.75 mm² S/FTP LSZH Fire-Resistant



Application

Offshore installations, Maritime Environment, RS-485, CAN Bus communication, Industrial communication, Harsh Environments, Fire Resistant.

Cable Design

Conductor	Stranded Annealed Tinned Copper wire
Size	0.75 mm ² (16x0.25 mm)
Insulation	PO + Fire Resistant Tape
Shielded Pair	2 cores twisted to a pair and shielded with Aluminium foil, 100% coverage
Formation	1 shielded pair (Blue/White) + 1 single core (Yellow) cabled together
Overall Shield	Annealed Tinned Copper Wire Braid, 65% nom. coverage
Outer Jacket	FR-LSZH SHF-1 or XL-HFFR SHF2 or XL-HFFR MUD-Resistant
Diameter	Ø 10,50 mm

CanBus 2x0.75mm² + 0.75 mm² S/FTP LSZH Fire-Resistant

Standards

Applicable Standards	DNV-GL certified, IEC 60092-359, IEC 60092-350, IEC 60811-2-1, RoHS 3 2015/863/EU
Flammability Rating	IEC60331, IEC 60332-1, IEC 60332-3-22, IEC 60332-3 , IEC 60754-1/2, IEC 61034-1/2

Performance

Frequency Range	1-10	MHz
Impedance	120	Ohm
Max. DC Resistance	26	Ohm/km @ 20 °C
Max. Resistance Unbalance	2	%
Capacitance	38	pF/m
Velocity of Propagation	75	% nom.
Min. Bend Radius	100	mm
Max. Operating Temperature	+80	°C
Min. Operating Temperature	-40	°C
UV resistance	YES	
Attenuation	0,1 MHz	0,4 dB/100m
	1 MHz	1 dB/100m
	5 MHz	2,6 dB/100m
	10 MHz	3,8 dB/100m

CanBus 2x0.75mm² + 0.75 mm² S/FTP
LSZH Fire-Resistant

Specification

Part Number	Outer Jacket	Colour
AMCFR1.575-UAZF1	SHF1	Black
AMCFR1.575-UAZF2	SHF2	Black
AMCFR1.575-UAZFM	MUD Resistant	Black