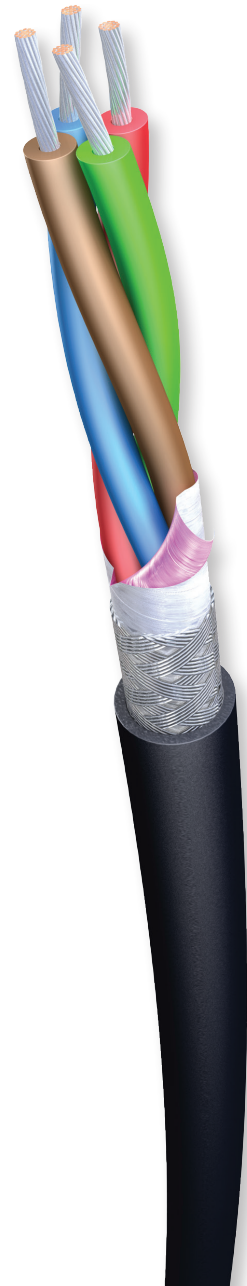


CanBus 2x2x0.75mm² SF/UTP
LSZH-SHF2



Application

Offshore installations, Maritime Environment, RS-422, Indoor/outdoor installation, RS-485, Industrial communication, Harsh Environments, CAN Bus communication.

Cable Design

Conductor Size	Stranded Annealed Tinned Copper wire 0.75 mm ² (16x0.25 mm)
Insulation Diameter	PO Ø 3.05 mm nom.
Formation Pair Identification	2 pairs twisted to quad formation RED (L1 Hi), BLUE (L2 Lo), BROWN (L1 Lo), GREEN (L2 Hi)
Overall Shield	- Helically applied Aluminium foil, 100% coverage - Annealed Tinned Copper Wire Braid, 75% nom. coverage

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Outer Jacket	XL-HFFR FireFighter [®] SHF-2
Colour	Black
Thickness	1,10 mm nom.
Diameter	Ø 12,60 mm
Weight	170 kg/km

Standards

Applicable Standards	DNV-GL certified, IEC 60092-359, IEC 60092-350, IEC 60811-2-1, RoHS-2 2011/65/EU
Flammability Rating	IEC 60332-1, IEC 60332-3-22, IEC 60754-1/2, IEC 61034-1/2, UL 1581 VW-1

Performance

Impedance	120	Ohm	
Max. DC Resistance	26	Ohm/km @ 20°C	
Max. Resistance Unbalance	2	%	
Capacitance	38	pF/m	
Velocity of Propagation	75	% nom.	
Dielectric Strength	1000	V/minute	
Dielectric Strength to Shield	1000	V/minute	
Voltage Rating	300*	V	
Min. Bend Radius	90	mm	
Max. Operating Temperature	+75	°C	
Min. Operating Temperature	-35	°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
	20 MHz	5,5	dB/100m

Voltage rate is 300 V, however the cable is not intended to be used for mains power supply.

CanBus 2x2x0.75mm² SF/UTP
LSZH-SHF2

Specification

Part Number	Type
AMC275-UAZF2	Armada [®] CanBus 2x2x0.75 mm ² S/UTP LSZH-SHF2 DNV-GL certified - Black