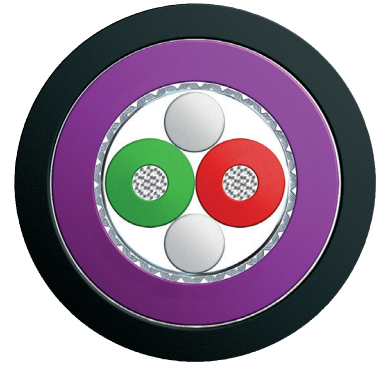




# Armada®

PROFIBUS DP 2x22/19 AWG LSZH-SHF2

MUD Resistant <DNV-GL Approved>



## Application

Offshore installations, Maritime Environment, Ships, High speed & Light craft, Profibus DP industrial communication, PROFIBUS LAN, Harsh Environments, RS-485. MUD Resistant.

## Cable Design

Conductor AWG	Stranded Annealed Tinned Copper wire 22/19 AWG (19/0,16mm)
Insulation Diameter	Foam skin PE Ø 2,60 mm nom.
Formation Pair Identification	2 cores twisted to a pair Red / Green
Foil shield	Overall Aluminium/polyester foil, 100% coverage
Braid	Annealed Tinned Copper Wire Braid, 80% nom. coverage
Inner Jacket Thickness Diameter	FR-LSZH FireFighter® Violet 1,30 mm nom. Ø 8,40 mm
Outer Jacket Thickness Diameter Weight	XL-HFFR FireFighter® SHF-2 Black 1,10 mm nom. Ø 10,60 mm 150 kg/km





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## Standards

Applicable Standards	DNV-GL certified, IEC 60092-359, IEC 60092-350, IEC 60794-1-2, IEC 60811-2-1, RoHS-2 2011/65/EU, NEK TS 606
Flammability Rating	IEC 60332-3-22, IEC 60332-3-24, IEC 60754-1/2, IEC 61034-1/2

## Performance

Impedance	150	Ohm
Max. DC Resistance	55	Ohm/km @ 20°C
Attenuation (@ 16 MHz)	42	dB/km max.
Capacitance	28	pF/m
Capacitance Unbalance	1,3	pF/m max.
Dielectric Strength	700	V/minute
Dielectric Strength to Shield	700	V/minute
Min. Insulation Resistance	4	GOhm • km
Voltage Rating	300	V
Min. Bend Radius	70	mm
Max. Operating Temperature	+80	°C
Min. Operating Temperature	-40	°C
UV resistance	YES	
Mud Resistance	YES	

## Specification

Part Number	Type
AMD122-UAZFM	Armada® ProfiBus DP 2x22/19 AWG LSZH SHF-2 MUD Resistant NEK TS 606 DNV-GL certified - Black

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