

PROFIBUS DP 2x22/19 AWG LSZH-SHF2



Application

Offshore installations, Maritime Environment, Indoor/outdoor installation, Ships, High speed & Light craft, Data transmission, Profibus DP industrial communication, Harsh Environments.

Cable Design

Conductor AWG	Stranded Annealed Tinned Copper wire 22/19 AWG (19/0,16mm)
Insulation Diameter	Cellular PO 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, 85% nom. coverage

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Outer Jacket	XL-HFFR FireFighter® SHF-2 Violet
Thickness	1,30 mm nom.
Diameter	Ø 8,40 ± 0,20mm
Weight	91 kg/km

Performance

Impedance	150	Ohm
Max. DC Resistance	55	Ohm/km @ 20°C
Attenuation (@ 16 MHz)	42	dB/km max.
Max. Resistance Unbalance	2	%
Capacitance	28	pF/m
Capacitance Unbalance	1,3	pF/m max.
Voltage Rating	300	V
Min. Bend Radius	60	mm
Max. Operating Temperature	+90	°C
Min. Operating Temperature	-40	°C
UV resistance	YES	

Standards

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

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Specification

Part Number	Type
AMD122-UAZF2	Armada [®] PROFIBUS DP 2x22/19 AWG LSZH SHF-2 DNV-GL certified - Violet