



# HOLMEFJORD

NÅR VIKTIGE SIGNALER SKAL SENDES

PROFIBUS DP 2x22/19 AWG

LSZH-SHF2 MUD Resistant



## 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

## PROFIBUS DP 2x22/19 AWG LSZH-SHF2 MUD Resistant

<b>Inner Jacket</b>	FR-LSZH FireFighter® Violet
Thickness	1,30 mm nom.
Diameter	Ø 8,40 mm
<b>Outer Jacket</b>	XL-HFFR FireFighter® SHF-2 Black
Thickness	1,10 mm nom.
Diameter	Ø 10,60 mm
Weight	150 kg/km

### 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	

### Standards

<b>Applicable Standards</b>	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
<b>Flammability Rating</b>	IEC 60332-3-22, IEC 60332-3-24, IEC 60754-1/2, IEC 61034-1/2

