

Instrumentation 2x14 AWG Offshore Shielded Cable LS2SJ-14 (MIL-DTL-24643/43)
TC/XLPE/STP/SHF2/600V/90C
INSTRUMENTATION & SIGNAL
P/N 9840077101

DEFENSE

Applications

Offshore installations, Maritime Environment, Power & Control, Outdoor



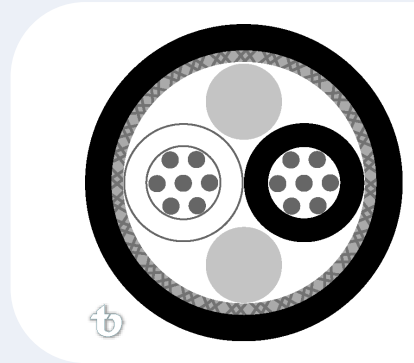
Outer Jacket Material
 XL-HFFR SHF2



Outer diameter
 8.7 mm nom.



Weight
 115 kg/km



General Construction

2 single cores are cabled together, braid shielded and SHF2 jacketed.

Design & Materials

Conductor Material	Annealed Tinned Copper
Conductor Size (AWG)	14
Conductor Construction	7x0.61 mm
Insulation Material	XLPE
Insulation Thickness (mm)	0.5
Insulation O.D. (mm nom)	2.85
Conductor Color Code	Black x White
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-wire Construction	Stranded
Total Number Of Conductors	2
Rip-Cord	Yes
Outer Diameter (mm nom)	8.7
Outer Jacket Thickness (mm nom)	1.2
Outer Jacket Color	Black
Marking	Per request
Outer Jacket Material	XL-HFFR SHF2

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Performance

Max. DC Resistance (Ω /km@20°C)	9.10
Dielectric Strength (V/minute)	2000
Dielectric Strength to Shield (V/minute)	1000
Voltage Rating (V)	600/1000
Min. Bend Radius (mm)	Dx10
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+90
UV Resistance	Yes
Oil Resistance	Yes
Mud Resistance	Yes

Standards

Flammability Rating
 IEC 60332-3

Applicable Standards
 RoHS 3 2015/863/EU



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