

# Instrumentation 1x3x2.5 mm<sup>2</sup> OBS LSZH SHF2

## INSTRUMENTATION & SIGNAL

### P/N 8MG0032101

#### INDUSTRY

### Applications

Offshore installations, Maritime Environment, Process control industry, Hazardous areas, Outdoor, Class 1 Division 2



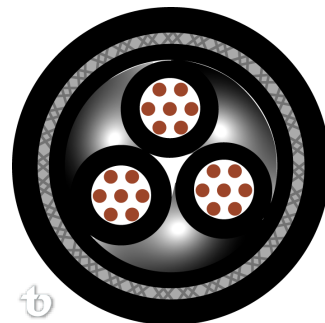
Outer Jacket Material  
XL-HFFR



Outer diameter  
15.0 mm nom.



Weight  
405 kg/km



### General Construction

One twisted triad is overall jacketed, copper braid armored and outer jacketed.

### Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Cross Section (mm <sup>2</sup> )	2.5
Conductor Construction	7x0.68 mm
Insulation Material	XL-HFFR
Insulation Thickness (mm)	0.75
Insulation O.D. (mm nom)	3.55
Conductor Color Code	Black, Numbered
Inner Jacket Material	XL-HFFR
Inner Jacket Thickness (mm nom)	1.3
Inner Jacket Thickness (mm min)	1.1
Inner Jacket Diameter (mm nom)	10.5
Inner Jacket Color	Black
Armoring	Braided Tinned Copper
Total Number Of Conductors	3
Total Number Of Conductor Units	1
Outer Jacket Thickness (mm nom)	1.6
Outer Jacket Thickness (mm min)	1.45
Outer Jacket Color	Black
Marking	Per request

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#### Performance

Max. DC Resistance ( $\Omega$ /km@20°C)	7.41
Dielectric Strength (V/10 minutes)	3400
Voltage Rating (V)	600
Min. Bend Radius (mm)	165
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+125
UV Resistance	Yes

#### Standards

Flammability Rating  
IEC 60332-3  
IEC 60754-1  
IEC 60754-2  
IEC 61034-1/2

Applicable Standards  
DNV certified  
ABS certified  
IEC 60092-350  
IEC 60092-351  
IEC 60092-359  
RoHS 3 2015/863/EU



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