



# Caledonian

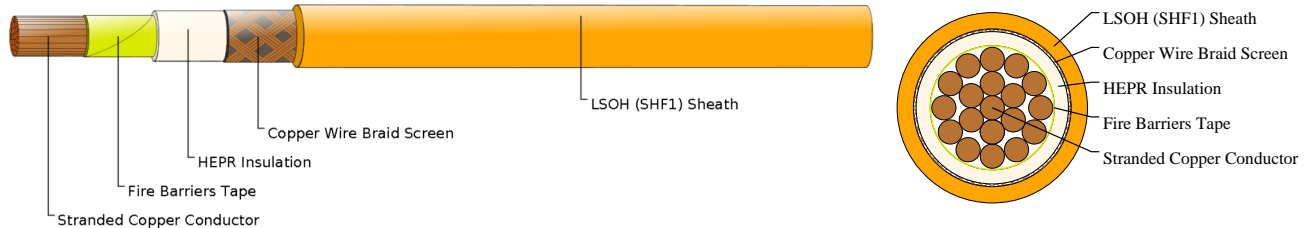
IEC60092 Offshore & Marine Cables

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**BOI/BOU (MFX300) 0.6/1 kV Fire Barriers + HEPR Insulated, LSOH (SHF1) Sheathed, Screened Fire Resistant Power & Control Cables (Single Core)1C50**

MFX300-1MG7MZ1-R-1C50



## APPLICATIONS

These cables are used for fixed installations on ships and offshore units in all locations and on open deck in safety circuits, where fire resistance is required. The good screening qualities of the copper braid also reduce radio interference and electrical influences to electronics installations. These cables are fire resistant, flame retardant, low smoke & halogen free.

## STANDARDS

DIN 89160/98/IEC 60092-353IEC 60331-21/IEC 60332-1  
IEC 60332-3-22/IEC 60754-1/2/IEC 61034

## CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor  
Insulation: Fire barriers + HEPR  
Overall Screen: Copper wire braid  
Outer Sheath: LSOH (SHF1)

## COLOUR CODE

Single core: Natural colour (beige)

## PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×OD  
Temperature Range: -20°C ~ +75°C

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	mm	mm	mm	kg/km
1x50	1	1.3	15.5	670