



Caledonian

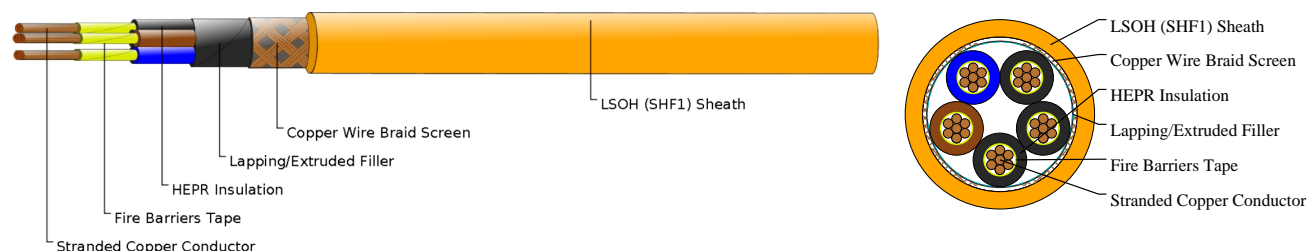
IEC60092 Offshore & Marine Cables

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BFOI (c)/ BFOU (c) (MFX400) 0.6/1 kV Fire Barriers + HEPR Insulated, LSOH (SHF1) Sheathed, Screened Fire Resistant Power & Control Cables (Multicore)5C2.5

MFX400-1mG7MZ1-R-5C2.5



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 60092-353/IEC 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.

Inner Covering: Lapping or extruded filler.

Overall Screen: Copper wire braid.

Outer Sheath: LSOH (SHF1).

COLOUR CODE

Five cores: Black, Blue, Brown, Black, Black.

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 ² | mm | mm | mm | kg/km |
| 5x2.5 | 0.7 | 1.3 | 16.5 | 440 |