



# Caledonian

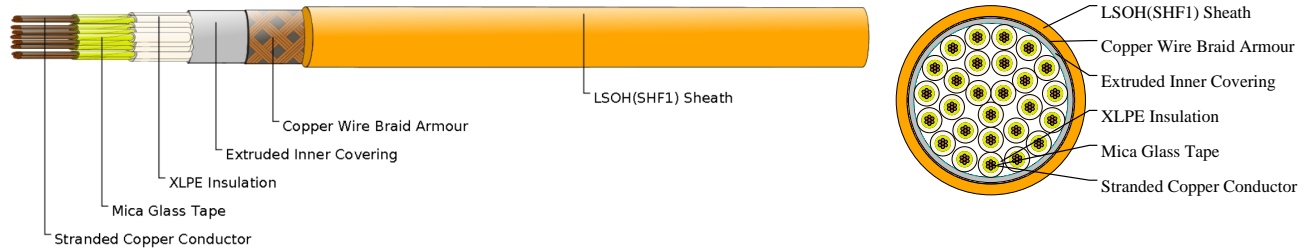
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

**BFOI/BFOU (MFX400) 0.6/1 kV Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Fire Resistant Power & Control Cables (27 cores)**

MFX400-1mRMZ1-R-27C1.5



## APPLICATIONS

These armoured fire resistant cables are used on board of ships in all locations for fixed installations where cable protection is required. These cables are fire resistant, flame retardant, low smoke & halogen free.

## STANDARDS

IEC 60092-350/353/360

IEC 60332-21

IEC 60332-1

IEC 60332-3-22

IEC 60754-1/2

IEC 61034

## CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor. Class 5 stranded conductors can be offered upon request.

Insulation: Mica tape + XLPE.

Inner Covering: Extruded inner covering.

Armour: Copper wire braid.

Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

## COLOUR CODE

Multi cores: White with black numbers.

## PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×OD

Temperature Range: -30°C ~ +80°C

## DIMENSION AND PARAMETERS

| Caledonian Cable Code | 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          |



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|                           |        |     |     |      |      |
|---------------------------|--------|-----|-----|------|------|
| MF400-1mRMZ1-<br>R-27C1.5 | 27×1.5 | 0.7 | 1.7 | 24.4 | 1100 |
|---------------------------|--------|-----|-----|------|------|