



# Caledonian

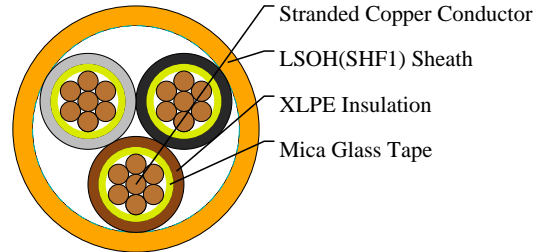
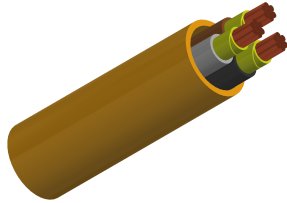
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

BI/BU (MFX400) 0.6/1 kV Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed Fire Resistant Power & Control Cables (3 cores)

MFX400-1mRZ1-R-3C10



## APPLICATIONS

These unarmoured fire resistant cables are used on board of ships in all locations for fixed installations where cable protection is not 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.

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

## COLOUR CODE

Three cores: Brown, Black, Grey.

## PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations:  $6 \times OD$  ( $OD > 25\text{mm}$ );  $4 \times OD$  ( $OD \leq 25\text{mm}$ )

Temperature Range:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

## DIMENSION AND PARAMETERS

| Caledonian Cable Code | No. of Cores<br>$\times$ Cross-sectional Area | Nominal Insulation Thickness | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|-----------------------|---|------------------------------|--------------------------|-----------------------|----------------|
|                       | No. $\times$ mm <sup>2</sup>                  | mm                           | mm                       | mm                    | kg/km          |



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|                         |      |     |     |      |     |
|-------------------------|------|-----|-----|------|-----|
| MFX400-1mRZ1-<br>R-3C10 | 3×10 | 0.7 | 1.3 | 15.5 | 400 |
|-------------------------|------|-----|-----|------|-----|