



# Caledonian

IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

**TFOI/TFOU (MTX400) 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Power & Control Cables (3 Cores)**

MTX400-1RMZ1-R-3C120S



## APPLICATIONS

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

## STANDARDS

IEC 60092-350/353/360

IEC 60332-1

IEC 60332-3-22

IEC 60754-1/2

IEC 61034

## CABLE CONSTRUCTION

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

Insulation: XLPE.

Inner Covering: Lapping.

Armour: Copper wire braid.

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

## COLOUR CODE

Three cores: Brown, Black, Grey.

Two cores + earth (3G): Yellow/green, Blue, Brown.

## 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 |
|-----------------------|-------------------------------------|------------------------------|--------------------------|-----------------------|----------------|
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|                           | No. × mm <sup>2</sup>      | mm  | mm  | mm   | kg/km |
|---------------------------|----------------------------|-----|-----|------|-------|
| MTX400-1RMZ1-<br>R-3C120S | 3 × 120 (sector<br>shaped) | 1.2 | 2.2 | 36.0 | 4070  |