



# Caledonian

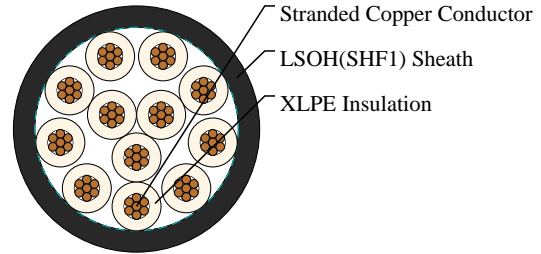
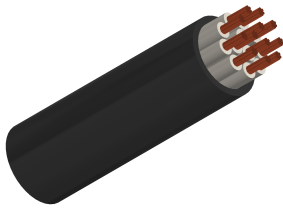
IEC60092 Offshore & Marine Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## TI/TU (MTX400) 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (12 Cores)

MTX400-1RZ1-R-12C1.5



### APPLICATIONS

These unarmoured power & control cables are used on board of ships in all locations for fixed installations not subject to mechanical risk complying with IEC standards 60092-352. 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, round or sector shaped. Class 5 stranded conductors can be offered upon request.

Insulation: XLPE.

Filler (optional): Halogen free filling compound

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 (OD>25mm); 4×OD (OD ≤25mm)

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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|                          |        |     |     |      |     |
|--------------------------|--------|-----|-----|------|-----|
| MTX400-1RZ1-<br>R-12C1.5 | 12×1.5 | 0.7 | 1.3 | 15.3 | 315 |
|--------------------------|--------|-----|-----|------|-----|