



Caledonian

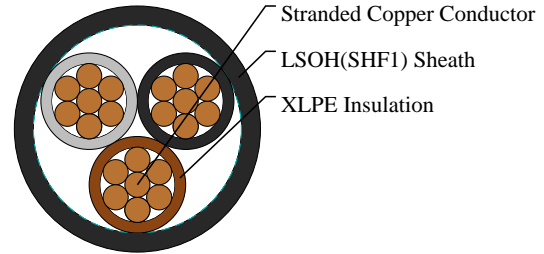
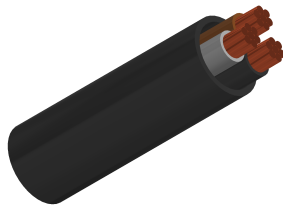
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

TI/TU (MTX400) 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (3 Cores)

MTX400-1RZ1-R-3C25



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

Three cores: Brown, Black, Grey

With yellow/green (optional)3G: Yellow/green, Blue, Brown

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 |
|-----------------------|-------------------------------------|------------------------------|--------------------------|-----------------------|----------------|
|-----------------------|-------------------------------------|------------------------------|--------------------------|-----------------------|----------------|



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| | No. x mm ² | mm | mm | mm | kg/km |
|------------------------|-----------------------|-----|-----|------|-------|
| MTX400-1RZ1- R-3C25 | 3x25 | 0.9 | 1.5 | 20.7 | 875 |