



Caledonian

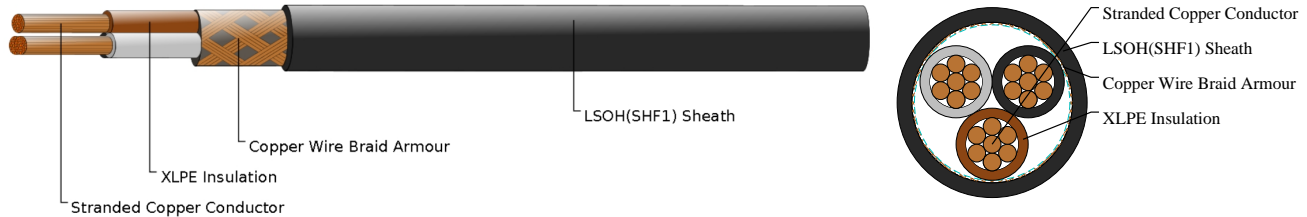
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

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

MTX400-1RMZ1-R-3C16



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, round or 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

| No. of Cores × Cross-sectional Area | Nominal Insulation Thickness | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
|-------------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No.×mm ² | mm | mm | mm | kg/km |



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|------|-----|-----|------|-----|
| 3×16 | 0.9 | 1.4 | 19.5 | 755 |
|------|-----|-----|------|-----|