



## Caledonian

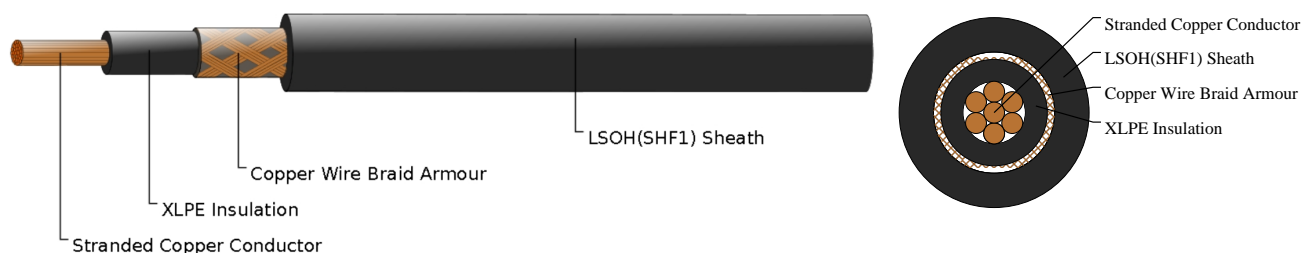
IEC60092 Offshore & Marine Cables

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**TOI /TOU (MTX300) 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Power & Control Cables (Single Core)**

MTX300-1RMZ1-R-1C2.5



### 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.

Armour: Copper wire braid.

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

### COLOUR CODE

Single core: Black.

### PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×OD

Temperature Range: -30°C ~ +80°C

### DIMENSION AND PARAMETERS

| No. of Cores ×<br>Cross-sectional Area | Nominal Insulation<br>Thickness | Nominal Outer<br>Sheath Thickness | Approx. Overall<br>Diameter | Approx. Weight |
|--|---------------------------------|-----------------------------------|-----------------------------|----------------|
| No.×mm <sup>2</sup>                    | mm                              | mm                                | mm                          | kg/km          |
| 1×2.5                                  | 0.7                             | 1.1                               | 6.7                         | 80             |