



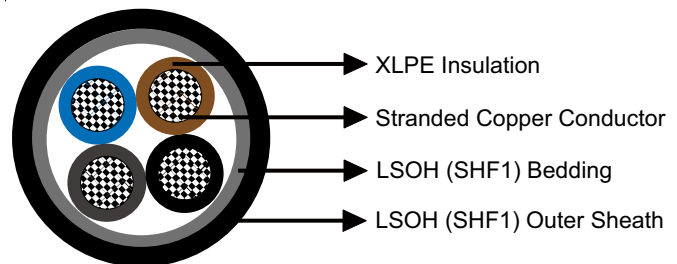
## MTX400 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (Multicore)

### Application

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 60092-350/351/353/359
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



### 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.
- Bedding: LSOH (SHF1)
- Outer Sheath: LSOH (SHF1).

### Core Identification

Two cores: Blue, Brown.

Three cores: Brown, Black, Grey.

Four cores: Blue, Brown, Black, Grey.

Five cores: Blue, Brown, Black, Grey, Black.

Multi cores: White with black numbers.

#### With yellow/green (optional)

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

Three cores + earth (4G): Yellow/green, Brown, Black, Grey.

Four cores + earth (5G): Yellow/green, Blue, Brown, Black, Grey.





### Mechanical and Thermal Properties

Bending Radius for Fixed Installations:  $6 \times OD$  ( $OD > 25\text{mm}$ );  $4 \times OD$  ( $OD \leq 25\text{mm}$ )

Temperature Range:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

### Dimensions and Weight

**MTX400 1RZ1Z1-R Multicore 0.6/1kV (-R stands for class 2 conductor. For class 5 conductor, please change -R to -F)**

Part No.	Construction No. of cores $\times$ Cross section ( $\text{mm}^2$ )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MTX400-1RZ1Z1-R-2C1.5	2 $\times$ 1.5	0.7	1.0	8.6	110
MTX400-1RZ1Z1-R-3C1.5	3 $\times$ 1.5	0.7	1.1	9.2	130
MTX400-1RZ1Z1-R-4C1.5	4 $\times$ 1.5	0.7	1.1	10.0	155
MTX400-1RZ1Z1-R-12C1.5	12 $\times$ 1.5	0.7	1.3	15.3	315
MTX400-1RZ1Z1-R-16C1.5	16 $\times$ 1.5	0.7	1.4	17.2	418
MTX400-1RZ1Z1-R-2C2.5	2 $\times$ 2.5	0.7	1.1	9.6	150
MTX400-1RZ1Z1-R-3C2.5	3 $\times$ 2.5	0.7	1.1	10.2	175