



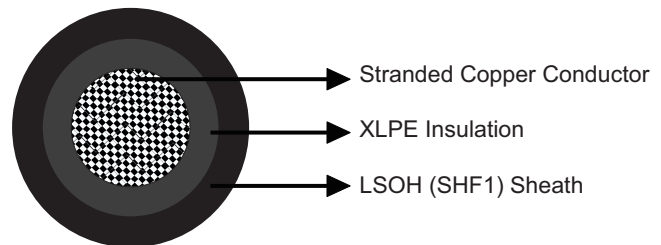
MTX300 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (Single Core)

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

Core Identification

- Single core: Black

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

MTX300 1RZ1-R Single Core 0.6/1kV (-R stands for class 2 conductor. For class 5 conductor, please change -R to -F)

| Part No. | Construction No. of cores×Cross section(mm ²) | Nominal Insulation Thickness mm | Nominal Sheath Thickness mm | Nominal Overall Diameter mm | Nominal Weight kg/km |
|---------------------|---|---------------------------------------|-----------------------------------|-----------------------------------|----------------------------|
| MTX300-1RZ1-R-1C1.5 | 1×1.5 | 0.7 | 1.0 | 5.0 | 40 |
| MTX300-1RZ1-R-1C2.5 | 1×2.5 | 0.7 | 1.0 | 5.4 | 50 |
| MTX300-1RZ1-R-1C4 | 1×4 | 0.9 | 1.04 | 6.4 | 70 |
| MTX300-1RZ1-R-1C6 | 1×6 | 0.9 | 1.04 | 7.0 | 90 |
| MTX300-1RZ1-R-1C10 | 1×10 | 0.9 | 1.04 | 7.9 | 130 |
| MTX300-1RZ1-R-1C16 | 1×16 | 0.9 | 1.04 | 8.9 | 190 |
| MTX300-1RZ1-R-1C25 | 1×25 | 0.9 | 1.1 | 10.4 | 295 |
| MTX300-1RZ1-R-1C35 | 1×35 | 0.9 | 1.1 | 11.7 | 380 |
| MTX300-1RZ1-R-1C50 | 1×50 | 1.0 | 1.2 | 13.3 | 510 |
| MTX300-1RZ1-R-1C70 | 1×70 | 1.1 | 1.3 | 15.5 | 720 |
| MTX300-1RZ1-R-1C95 | 1×95 | 1.1 | 1.3 | 17.4 | 970 |
| MTX300-1RZ1-R-1C120 | 1×120 | 1.2 | 1.4 | 19.4 | 1220 |
| MTX300-1RZ1-R-1C150 | 1×150 | 1.4 | 1.5 | 21.5 | 1505 |
| MTX300-1RZ1-R-1C185 | 1×185 | 1.6 | 1.5 | 23.8 | 1865 |
| MTX300-1RZ1-R-1C240 | 1×240 | 1.7 | 1.6 | 26.7 | 2420 |
| MTX300-1RZ1-R-1C300 | 1×300 | 1.8 | 1.7 | 29.6 | 3015 |

