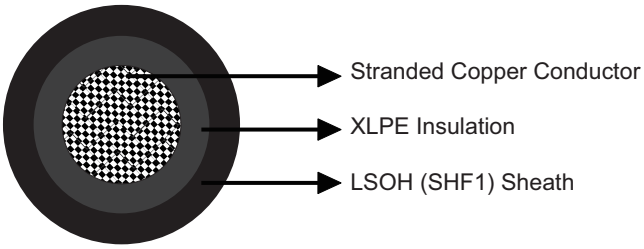
MTX300 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (Single Core)

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×OD (OD>25mm); 4×OD (OD ≤25mm)
Temperature Range: -30℃ ~ +80℃

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(mm²)	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