



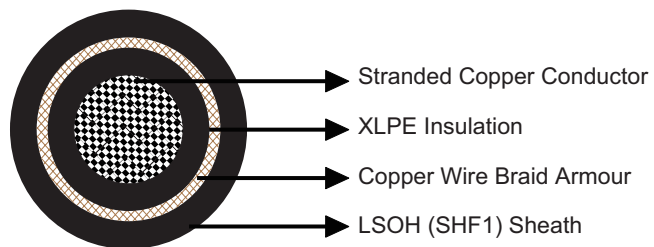
## **MTX300 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Power & Control Cables (Single Core)**

### **Application**

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 60092-350/351/353/359
- 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.
- Armour: Copper wire braid.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

### **Core Identification**

- Single core: Black.

### **Mechanical and Thermal Properties**

Bending Radius for Fixed Installations:  $6 \times OD$   
Temperature Range:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$



## Dimensions and Weight

**MTX300 1RMZ1-R Single Core Armoured 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 <sup>2</sup> )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MTX300-1RMZ1-R-1C1.5	1×1.5	0.7	1.1	6.3	70
MTX300-1RMZ1-R-1C2.5	1×2.5	0.7	1.1	6.7	80
MTX300-1RMZ1-R-1C4	1×4	0.9	1.1	7.4	100
MTX300-1RMZ1-R-1C6	1×6	0.9	1.1	8.0	120
MTX300-1RMZ1-R-1C10	1×10	0.9	1.1	8.8	180
MTX300-1RMZ1-R-1C16	1×16	0.9	1.1	10.2	245
MTX300-1RMZ1-R-1C25	1×25	0.9	1.2	11.7	355
MTX300-1RMZ1-R-1C35	1×35	0.9	1.2	13.0	455
MTX300-1RMZ1-R-1C50	1×50	1.0	1.3	15.0	620
MTX300-1RMZ1-R-1C70	1×70	1.1	1.4	17.2	850
MTX300-1RMZ1-R-1C95	1×95	1.1	1.4	19.1	1115
MTX300-1RMZ1-R-1C120	1×120	1.2	1.5	21.1	1385
MTX300-1RMZ1-R-1C150	1×150	1.4	1.6	23.2	1690
MTX300-1RMZ1-R-1C185	1×185	1.6	1.6	25.5	2065
MTX300-1RMZ1-R-1C240	1×240	1.7	1.7	28.4	2640
MTX300-1RMZ1-R-1C300	1×300	1.8	1.8	31.3	3260

