



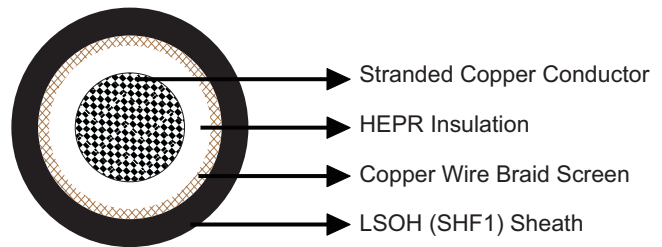
## MTX300 0.6/1 kV HEPR Insulated, LSOH (SHF1) Sheathed, Screened Flame Retardant Power & Control Cables (Single Core)

### Application

These cables are used for fixed installations on ships and offshore units in all locations and on open deck. The good screening qualities of the copper braid also reduce radio interference and electrical influences to electronics installations. These cables are flame retardant, low smoke & halogen free.

### Standards

- DIN 89160/98
- IEC 60092-353
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



### Construction

- Conductors: Class 2 stranded copper conductor.
- Insulation: HEPR.
- Overall Screen: Copper wire braid.
- Outer Sheath: LSOH (SHF1).

### Core Identification

Single core: Natural colour (beige).

### Mechanical and Thermal Properties

Bending Radius for Fixed Installations:  $6 \times OD$   
Temperature Range:  $-20^{\circ}\text{C} \sim +75^{\circ}\text{C}$





### Dimensions and Weight

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
MTX300-1G7MZ1-R-1C4	1×4	0.7	1.2	7.3	110
MTX300-1G7MZ1-R-1C6	1×6	0.7	1.2	8.3	140
MTX300-1G7MZ1-R-1C10	1×10	0.7	1.2	9.3	190
MTX300-1G7MZ1-R-1C16	1×16	0.7	1.2	10.3	270
MTX300-1G7MZ1-R-1C25	1×25	0.9	1.2	12.3	380
MTX300-1G7MZ1-R-1C35	1×35	0.9	1.2	13.3	480
MTX300-1G7MZ1-R-1C50	1×50	1.0	1.3	15.3	660
MTX300-1G7MZ1-R-1C70	1×70	1.1	1.4	17.3	900
MTX300-1G7MZ1-R-1C95	1×95	1.1	1.4	19.5	1170
MTX300-1G7MZ1-R-1C120	1×120	1.2	1.5	21.0	1410
MTX300-1G7MZ1-R-1C150	1×150	1.4	1.6	22.8	1750
MTX300-1G7MZ1-R-1C185	1×185	1.6	1.6	24.8	2160
MTX300-1G7MZ1-R-1C240	1×240	1.7	1.7	27.8	2770
MTX300-1G7MZ1-R-1C300	1×300	1.8	1.8	30.3	3440

