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

Application

These cables are used for fixed installations on ships and offshore units in all locations. 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.
- Outer Sheath: LSOH (SHF1).

Core Identification

Single core: Natural colour (beige).

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 6×OD (OD>25mm); 4×OD (OD ≤25mm)
Temperature Range: -20℃ ~ +75℃

Dimensions and Weight

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
MTX300-1G7Z1-R-1C4	1×4	0.7	1.2	6.5	80
MTX300-1G7Z1-R-1C6	1×6	0.7	1.2	7.5	110
MTX300-1G7Z1-R-1C10	1×10	0.7	1.2	8.5	150
MTX300-1G7Z1-R-1C16	1×16	0.7	1.2	9.5	220
MTX300-1G7Z1-R-1C25	1×25	0.9	1.2	11.0	320
MTX300-1G7Z1-R-1C35	1×35	0.9	1.2	12.0	420
MTX300-1G7Z1-R-1C50	1×50	1.0	1.3	13.5	560
MTX300-1G7Z1-R-1C70	1×70	1.1	1.3	15.5	780
MTX300-1G7Z1-R-1C95	1×95	1.1	1.4	17.8	1030
MTX300-1G7Z1-R-1C120	1×120	1.2	1.4	19.3	1290
MTX300-1G7Z1-R-1C150	1×150	1.4	1.5	21.3	1590
MTX300-1G7Z1-R-1C185	1×185	1.6	1.5	23.5	1960
MTX300-1G7Z1-R-1C240	1×240	1.7	1.6	26.5	2560
MTX300-1G7Z1-R-1C300	1×300	1.8	1.7	29.5	3200