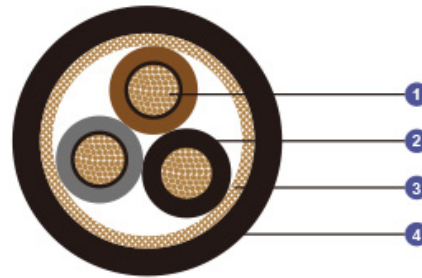


**MTX400 0.6/1 kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant
Power & Control Cables (Multicore)**



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
Inner Covering	Lapping
Armour	Copper wire braid
Outer Sheath	LSOH (SHF1). SHF2 can be offered upon request
Core Identification	Two cores: Blue, Brown. Three cores: Brown, Black, Grey. Four cores: Blue, Brown, Black, Grey. Five cores: Blue, Brown, Black, Grey, Black. Multi cores: White with black numbers With yellow/green (optional) Two cores + earth (3G): Yellow/green, Blue, Brown. Three cores + earth (4G): Yellow/green, Brown, Black, Grey. Four cores + earth (5G): Yellow/green, Blue, Brown, Black, Grey.
Mechanical and Thermal Properties	Bending Radius for Fixed Installations: 6xOD Temperature Range: -30°C ~ +80°C

Dimensions and Weight

MTX400 1RMZ1-R Multicore 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 ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MTX400-1RMZ1- R-2C1.5	2×1.5	0.7	1.1	9.3	120
MTX400-1RMZ1- R-2C2.5	2×2.5	0.7	1.1	10.1	150
MTX400-1RMZ1- R-2C4	2×4	0.9	1.2	12.2	195
MTX400-1RMZ1- R-2C6	2×6	0.9	1.2	13.7	275
MTX400-1RMZ1- R-2C10	2×10	0.9	1.3	15.7	385
MTX400-1RMZ1- R-2C16	2×16	0.9	1.4	18.4	595
MTX400-1RMZ1- R-2C25	2×25	0.9	1.5	21.3	820
MTX400-1RMZ1- R-2C35	2×35	0.9	1.5	23.9	1140
MTX400-1RMZ1- R-2C50	2×50	1.0	1.5	26.7	1500
MTX400-1RMZ1- R-3C1.5(3G1.5)	3×(G)1.5	0.7	1.1	9.8	145
MTX400-1RMZ1- R-3C2.5(3G2.5)	3×(G)2.5	0.7	1.1	10.7	180
MTX400-1RMZ1- R-3C4	3×4	0.9	1.2	12.9	245
MTX400-1RMZ1- R-3C6	3×6	0.9	1.3	14.7	345
MTX400-1RMZ1- R-3C10	3×10	0.9	1.3	16.6	490
MTX400-1RMZ1- R-3C16	3×16	0.9	1.4	19.5	755
MTX400-1RMZ1- R-3C25	3×25	0.9	1.6	22.7	1095
MTX400-1RMZ1- R-3C35	3×35	0.9	1.6	24.9	1340
MTX400-1RMZ1- R-3C35S	3×35 (sector shaped)	0.9	1.6	22.0	1320

MTX400-1RMZ1-R-3C50	3x50	1.0	1.6	27.1	1750
MTX400-1RMZ1-R-3C50S	3x50 (sector shaped)	1.0	1.6	24.8	1820
MTX400-1RMZ1-R-3C70S	3x70 (sector shaped)	1.1	2.0	29.7	2575
MTX400-1RMZ1-R-3C95S	3x95 (sector shaped)	1.1	2.1	33.1	3435
MTX400-1RMZ1-R-3C120S	3x120 (sector shaped)	1.2	2.2	36.0	4070
MTX400-1RMZ1-R-3C150S	3x150 (sector shaped)	1.4	2.4	40.9	5435
MTX400-1RMZ1-R-4C1.5(4G1.5)	4x(G)1.5	0.7	1.1	10.5	170
MTX400-1RMZ1-R-4C2.5(4G2.5)	4x(G)2.5	0.7	1.2	11.8	225
MTX400-1RMZ1-R-4C4	4x4	0.9	1.3	14.7	335
MTX400-1RMZ1-R-4C6	4x6	0.9	1.3	16.0	425
MTX400-1RMZ1-R-4C10	4x10	0.9	1.4	18.3	625
MTX400-1RMZ1-R-4C16	4x16	0.9	1.5	21.5	935
MTX400-1RMZ1-R-4C25	4x25	0.9	1.6	24.4	1345
MTX400-1RMZ1-R-4C35	4x35	0.9	1.7	27.5	1715
MTX400-1RMZ1-R-4C35S	4x35 (sector shaped)	0.9	1.7	24.3	1700
MTX400-1RMZ1-R-4C50	4x50	1.0	1.6	29.9	2400
MTX400-1RMZ1-R-4C50S	4x50(sector shaped)	1.0	1.6	27.3	2300
MTX400-1RMZ1-R-4C70S	4x70(sector shaped)	1.1	2.1	32.8	3250
MTX400-1RMZ1-R-4C95S	4x95(sector shaped)	1.1	2.2	37.3	4390
MTX400-1RMZ1-R-5C1.5(5G1.5)	5x(G)1.5	0.7	1.2	11.7	205

MTX400-1RMZ1-R-5C2.5(5G2.5)	5×(G)2.5	0.7	1.2	12.8	265
MTX400-1RMZ1-R-5G4	5G4	0.9	1.2	15.2	360
MTX400-1RMZ1-R-6C1.5	6×1.5	0.7	1.2	12.7	240
MTX400-1RMZ1-R-7C1.5	7×1.5	0.7	1.2	12.7	260
MTX400-1RMZ1-R-8C1.5	8×1.5	0.7	1.2	15.5	340
MTX400-1RMZ1-R-10C1.5	10×1.5	0.7	1.3	16.2	390
MTX400-1RMZ1-R-12C1.5	12×1.5	0.7	1.4	16.9	440
MTX400-1RMZ1-R-16C1.5	16×1.5	0.7	1.4	18.6	550
MTX400-1RMZ1-R-19C1.5	19×1.5	0.7	1.5	19.7	620
MTX400-1RMZ1-R-24C1.5	24×1.5	0.7	1.6	22.9	800
MTX400-1RMZ1-R-5C2.5	5×2.5	0.7	1.2	12.9	290
MTX400-1RMZ1-R-7C2.5	7×2.5	0.7	1.2	14.6	390
MTX400-1RMZ1-R-12C2.5	12×2.5	0.7	1.4	18.7	610
MTX400-1RMZ1-R-19C2.5	19×2.5	0.7	1.5	21.8	870
MTX400-1RMZ1-R-24C2.5	24×2.5	0.7	1.6	25.6	1100
MTX400-1RMZ1-R-27C2.5	27×2.5	0.7	1.7	26.1	1200
MTX400-1RMZ1-R-37C2.5	37×2.5	0.7	1.9	29.2	1560