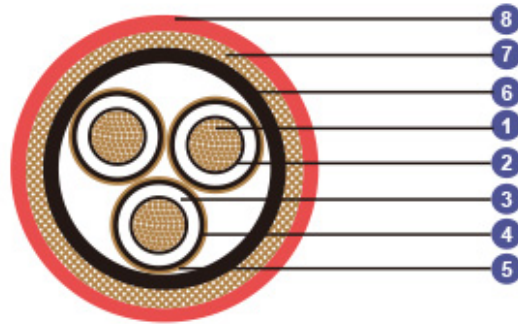


**3.6/6kV, 6/10kV, 8.7/15kV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured
Flame Retardant MV Power Cables (Halogen Free Inner Covering)**



Application	These armoured MV cables are used on board of ships in all locations for fixed installations complying with IEC standards 60092-352. These cables are flame retardant, low smoke & halogen free.
Standards	IEC 60092-350/351/354/359 IEC 60332-1 ; IEC 60332-3-22 ; IEC 60754-1/2; IEC 61034
Construction	
Conductors	Class 2 stranded copper conductor.
Conductor Screen	Semi-conducting layer (tape/compound).
Insulation	XLPE.
Insulation Screen	Semi-conducting layer (tape/compound).
Metallic Screen	Copper tape
Inner Covering	Halogen free compound.
Armour	Copper wire braid.
Outer Sheath	LSOH (SHF1). SHF2 can be offered upon request.
Core Identification	Coloured tape shall be inserted under metallic screen. 3core: Red, Yellow, Blue.
Mechanical and Thermal Properties	Bending Radius for Fixed Installations: 12×OD (single core); 9×OD (three core) Temperature Range: -30°C ~ +80°C

Dimensions and Weight

3.6/6kV

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
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MTX-3.6/6KV- RMZ1-1C10	1x10	2.5	1.5	19.6	580
MTX-3.6/6KV- RMZ1-1C16	1x16	2.5	1.5	20.5	670
MTX-3.6/6KV- RMZ1-1C25	1x25	2.5	1.5	21.8	800
MTX-3.6/6KV- RMZ1-1C35	1x35	2.5	1.6	23.2	940
MTX-3.6/6KV- RMZ1-1C50	1x50	2.5	1.6	24.5	1100
MTX-3.6/6KV- RMZ1-1C70	1x70	2.5	1.7	26.5	1380
MTX-3.6/6KV- RMZ1-1C95	1x95	2.5	1.8	28.6	1700
MTX-3.6/6KV- RMZ1-1C120	1x120	2.5	1.9	30.4	2000
MTX-3.6/6KV- RMZ1-1C150	1x150	2.5	1.9	32.0	2320
MTX-3.6/6KV- RMZ1-1C185	1x185	2.5	2.0	34.4	2770
MTX-3.6/6KV- RMZ1-1C240	1x240	2.6	2.1	38.0	3530
MTX-3.6/6KV- RMZ1-1C300	1x300	2.8	2.3	41.2	4270
MTX-3.6/6KV- RMZ1-1C400	1x400	3.0	2.4	45.6	5410
MTX-3.6/6KV- RMZ1-1C500	1x500	3.2	2.5	48.9	6390
MTX-3.6/6KV- RMZ1-1C630	1x630	3.2	2.7	53.5	8030
MTX-3.6/6KV- RMZ1-3C10	3x10	2.5	2.0	35.4	1620
MTX-3.6/6KV- RMZ1-3C16	3x16	2.5	2.2	38.4	2030
MTX-3.6/6KV- RMZ1-3C25	3x25	2.5	2.3	41.4	2470
MTX-3.6/6KV- RMZ1-3C35	3x35	2.5	2.4	44.2	2930
MTX-3.6/6KV- RMZ1-3C50	3x50	2.5	2.5	47.6	3510

MTX-3.6/6KV- RMZ1-3C70	3x70	2.5	2.7	51.9	4390
MTX-3.6/6KV- RMZ1-3C95	3x95	2.5	2.8	56.6	5470
MTX-3.6/6KV- RMZ1-3C120	3x120	2.5	3.0	60.4	6450
MTX-3.6/6KV- RMZ1-3C150	3x150	2.5	3.1	64.1	7490
MTX-3.6/6KV- RMZ1-3C185	3x185	2.5	3.3	68.3	8850
MTX-3.6/6KV- RMZ1-3C240	3x240	2.6	3.5	75.4	11080

6/10kV

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
MTX-6/10KV- RMZ1-1C16	1x16	3.4	1.6	22.5	750
MTX-6/10KV- RMZ1-1C25	1x25	3.4	1.6	23.8	890
MTX-6/10KV- RMZ1-1C35	1x35	3.4	1.7	25.2	1040
MTX-6/10KV- RMZ1-1C50	1x50	3.4	1.7	26.5	1200
MTX-6/10KV- RMZ1-1C70	1x70	3.4	1.8	28.5	1480
MTX-6/10KV- RMZ1-1C95	1x95	3.4	1.9	30.6	1810
MTX-6/10KV- RMZ1-1C120	1x120	3.4	1.9	32.2	2100
MTX-6/10KV- RMZ1-1C150	1x150	3.4	2.0	34.4	2470
MTX-6/10KV- RMZ1-1C185	1x185	3.4	2.1	36.9	2980
MTX-6/10KV- RMZ1-1C240	1x240	3.4	2.2	39.8	3650
MTX-6/10KV- RMZ1-1C300	1x300	3.4	2.3	42.4	4340

MTX-6/10KV- RMZ1-1C400	1x400	3.4	2.5	46.6	5480
MTX-6/10KV- RMZ1-1C500	1x500	3.4	2.6	49.5	6430
MTX-6/10KV- RMZ1-1C630	1x630	3.4	2.7	53.9	8040
MTX-6/10KV- RMZ1-3C16	3x16	3.4	2.3	42.5	2330
MTX-6/10KV- RMZ1-3C25	3x25	3.4	2.4	45.9	2840
MTX-6/10KV- RMZ1-3C35	3x35	3.4	2.5	48.7	3310
MTX-6/10KV- RMZ1-3C50	3x50	3.4	2.7	51.9	3890
MTX-6/10KV- RMZ1-3C70	3x70	3.4	2.8	56.4	4820
MTX-6/10KV- RMZ1-3C95	3x95	3.4	3.0	60.8	5900
MTX-6/10KV- RMZ1-3C120	3x120	3.4	3.1	64.5	6880
MTX-6/10KV- RMZ1-3C150	3x150	3.4	3.3	68.3	7960
MTX-6/10KV- RMZ1-3C185	3x185	3.4	3.4	72.8	9390
MTX-6/10KV- RMZ1-3C240	3x240	3.4	3.7	79.2	11570

8.7/15kV

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
MTX-8.7/15KV- RMZ1-1C25	1x25	4.5	1.7	26.2	1020
MTX-8.7/15KV- RMZ1-1C35	1x35	4.5	1.8	27.6	1170
MTX-8.7/15KV- RMZ1-1C50	1x50	4.5	1.8	28.9	1340
MTX-8.7/15KV- RMZ1-1C70	1x70	4.5	1.9	30.9	1630

MTX-8.7/15KV- RMZ1-1C95	1x95	4.5	2.0	33.4	2000
MTX-8.7/15KV- RMZ1-1C120	1x120	4.5	2.0	35.0	2300
MTX-8.7/15KV- RMZ1-1C150	1x150	4.5	2.1	37.3	2730
MTX-8.7/15KV- RMZ1-1C185	1x185	4.5	2.2	39.3	3180
MTX-8.7/15KV- RMZ1-1C240	1x240	4.5	2.3	42.2	3860
MTX-8.7/15KV- RMZ1-1C300	1x300	4.5	2.4	45.2	4600
MTX-8.7/15KV- RMZ1-1C400	1x400	4.5	2.5	48.8	5690
MTX-8.7/15KV- RMZ1-1C500	1x500	4.5	2.7	51.9	6680
MTX-8.7/15KV- RMZ1-1C630	1x630	4.5	2.8	56.7	8360
MTX-8.7/15KV- RMZ1-3C25	3x25	4.5	2.6	51.0	3280
MTX-8.7/15KV- RMZ1-3C35	3x35	4.5	2.7	53.8	3770
MTX-8.7/15KV- RMZ1-3C50	3x50	4.5	2.9	57.4	4430
MTX-8.7/15KV- RMZ1-3C70	3x70	4.5	3.0	61.5	5340
MTX-8.7/15KV- RMZ1-3C95	3x95	4.5	3.2	66.0	6460
MTX-8.7/15KV- RMZ1-3C120	3x120	4.5	3.3	69.6	7460
MTX-8.7/15KV- RMZ1-3C150	3x150	4.5	3.5	73.9	8640
MTX-8.7/15KV- RMZ1-3C185	3x185	4.5	3.6	78.0	10040
MTX-8.7/15KV- RMZ1-3C240	3x240	4.5	3.9	84.4	12270