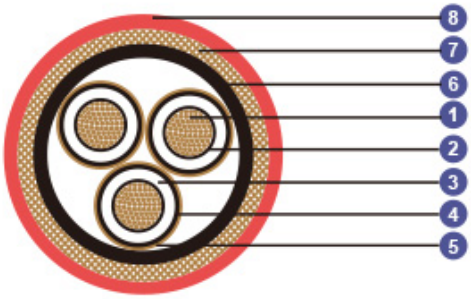
3.6/6kV, 6/10kV, 8.7/15kV XLPE Insulated, LSOH (SHF1)Sheathed, Armoured Flame Retardant MV Power Cables (SHF1 Inner Sheath)



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 Sheath	LSOH (SHF1).
Armour	Copper wire braid or galvanized steel 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℃ ~ +80℃

Dimensions and Weight

3.6/6kV

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
			Inner	Outer		

MTX-3.6/6KV-RZ1MZ1-1C10	1×10	2.5	1.3	1.0	19.2	560
MTX-3.6/6KV-RZ1MZ1-1C16	1×16	2.5	1.3	1.0	20.1	650
MTX-3.6/6KV-RZ1MZ1-1C25	1×25	2.5	1.4	1.1	21.8	800
MTX-3.6/6KV-RZ1MZ1-1C35	1×35	2.5	1.4	1.1	23.0	940
MTX-3.6/6KV-RZ1MZ1-1C50	1×50	2.5	1.5	1.2	24.7	1120
MTX-3.6/6KV-RZ1MZ1-1C70	1×70	2.5	1.6	1.2	26.7	1390
MTX-3.6/6KV-RZ1MZ1-1C95	1×95	2.5	1.6	1.3	28.8	1720
MTX-3.6/6KV-RZ1MZ1-1C120	1×120	2.5	1.7	1.3	30.6	2020
MTX-3.6/6KV-RZ1MZ1-1C150	1×150	2.5	1.8	1.3	32.4	2350
MTX-3.6/6KV-RZ1MZ1-1C185	1×185	2.5	1.8	1.4	34.4	2780
MTX-3.6/6KV-RZ1MZ1-1C240	1×240	2.6	2.0	1.5	38.4	3580
MTX-3.6/6KV-RZ1MZ1-1C300	1×300	2.8	2.1	1.6	41.6	4310
MTX-3.6/6KV-RZ1MZ1-1C400	1×400	3.0	2.2	1.7	45.8	5440
MTX-3.6/6KV-RZ1MZ1-1C500	1×500	3.2	2.4	1.7	49.3	6450
MTX-3.6/6KV-RZ1MZ1-1C630	1×630	3.2	2.5	1.9	54.1	8110
MTX-3.6/6KV-RZ1MZ1-3C10	3×10	2.5	1.9	1.4	36.3	1710
MTX-3.6/6KV-RZ1MZ1-3C16	3×16	2.5	2.0	1.5	38.8	2030
MTX-3.6/6KV-RZ1MZ1-3C25	3×25	2.5	2.1	1.6	42.0	2500
MTX-3.6/6KV-RZ1MZ1-3C35	3×35	2.5	2.2	1.6	44.8	2950
MTX-3.6/6KV-RZ1MZ1-3C50	3×50	2.5	2.3	1.7	48.0	3510

MTX-3.6/6KV-RZ1MZ1-3C70	3×70	2.5	2.5	1.8	52.5	4420
MTX-3.6/6KV-RZ1MZ1-3C95	3×95	2.5	2.6	1.9	57.0	5470
MTX-3.6/6KV-RZ1MZ1-3C120	3×120	2.5	2.8	2.0	61.0	6480
MTX-3.6/6KV-RZ1MZ1-3C150	3×150	2.5	2.9	2.1	64.9	7540
MTX-3.6/6KV-RZ1MZ1-3C185	3×185	2.5	3.1	2.2	69.3	8940
MTX-3.6/6KV-RZ1MZ1-3C240	3×240	2.6	3.3	2.4	76.4	11180

6/10kV

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
			Inner	Outer		
MTX-6/10KV-RZ1MZ1-1C16	1×16	3.4	1.4	1.1	22.3	750
MTX-6/10KV-RZ1MZ1-1C25	1×25	3.4	1.5	1.1	23.8	890
MTX-6/10KV-RZ1MZ1-1C35	1×35	3.4	1.5	1.2	25.2	1040
MTX-6/10KV-RZ1MZ1-1C50	1×50	3.4	1.6	1.2	26.7	1220
MTX-6/10KV-RZ1MZ1-1C70	1×70	3.4	1.6	1.2	28.5	1480
MTX-6/10KV-RZ1MZ1-1C95	1×95	3.4	1.7	1.3	30.8	1830
MTX-6/10KV-RZ1MZ1-1C120	1×120	3.4	1.8	1.3	32.6	2140
MTX-6/10KV-RZ1MZ1-1C150	1×150	3.4	1.8	1.4	34.4	2470
MTX-6/10KV-RZ1MZ1-1C185	1×185	3.4	1.9	1.4	36.9	2990
MTX-6/10KV-RZ1MZ1-1C240	1×240	3.4	2.0	1.5	40.0	3680
MTX-6/10KV-RZ1MZ1-1C300	1×300	3.4	2.1	1.6	42.8	4390

MTX-6/10KV-RZ1MZ1-1C400	1×400	3.4	2.3	1.7	46.8	5510
MTX-6/10KV-RZ1MZ1-1C500	1×500	3.4	2.4	1.8	49.9	6480
MTX-6/10KV-RZ1MZ1-1C630	1×630	3.4	2.5	1.9	54.5	8130
MTX-6/10KV-RZ1MZ1-3C16	3×16	3.4	2.1	1.6	43.1	2350
MTX-6/10KV-RZ1MZ1-3C25	3×25	3.4	2.2	1.7	46.3	2840
MTX-6/10KV-RZ1MZ1-3C35	3×35	3.4	2.3	1.7	49.1	3310
MTX-6/10KV-RZ1MZ1-3C50	3×50	3.4	2.5	1.8	52.5	3910
MTX-6/10KV-RZ1MZ1-3C70	3×70	3.4	2.6	1.9	56.8	4820
MTX-6/10KV-RZ1MZ1-3C95	3×95	3.4	2.8	2.0	61.4	5930
MTX-6/10KV-RZ1MZ1-3C120	3×120	3.4	2.9	2.1	65.3	6940
MTX-6/10KV-RZ1MZ1-3C150	3×150	3.4	3.1	2.2	69.3	8050
MTX-6/10KV-RZ1MZ1-3C185	3×185	3.4	3.2	2.3	73.6	9460
MTX-6/10KV-RZ1MZ1-3C240	3×240	3.4	3.4	2.5	80.2	11680

8.7/15kV

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
			Inner	Outer		
MTX-8.7/15KV-RZ1MZ1-1C25	1×25	4.5	1.6	1.2	26.4	1030
MTX-8.7/15KV-RZ1MZ1-1C35	1×35	4.5	1.6	1.2	27.6	1180
MTX-8.7/15KV-RZ1MZ1-1C50	1×50	4.5	1.7	1.3	29.3	1370
MTX-8.7/15KV-RZ1MZ1-1C70	1×70	4.5	1.7	1.3	31.1	1650

MTX-8.7/15KV-RZ1MZ1-1C95	1×95	4.5	1.8	1.4	33.4	2010
MTX-8.7/15KV-RZ1MZ1-1C120	1×120	4.5	1.9	1.4	35.7	2410
MTX-8.7/15KV-RZ1MZ1-1C150	1×150	4.5	1.9	1.5	37.5	2760
MTX-8.7/15KV-RZ1MZ1-1C185	1×185	4.5	2.0	1.5	39.5	3200
MTX-8.7/15KV-RZ1MZ1-1C240	1×240	4.5	2.1	1.6	42.6	3910
MTX-8.7/15KV-RZ1MZ1-1C300	1×300	4.5	2.2	1.6	45.2	4610
MTX-8.7/15KV-RZ1MZ1-1C400	1×400	4.5	2.3	1.7	49.0	5730
MTX-8.7/15KV-RZ1MZ1-1C500	1×500	4.5	2.5	1.8	52.3	6740
MTX-8.7/15KV-RZ1MZ1-1C630	1×630	4.5	2.6	1.9	56.9	8400
MTX-8.7/15KV-RZ1MZ1-3C25	3×25	4.5	2.4	1.8	51.6	3300
MTX-8.7/15KV-RZ1MZ1-3C35	3×35	4.5	2.5	1.9	54.6	3820
MTX-8.7/15KV-RZ1MZ1-3C50	3×50	4.5	2.6	1.9	57.6	4400
MTX-8.7/15KV-RZ1MZ1-3C70	3×70	4.5	2.8	2.0	62.1	5370
MTX-8.7/15KV-RZ1MZ1-3C95	3×95	4.5	3.0	2.2	67.0	6550
MTX-8.7/15KV-RZ1MZ1-3C120	3×120	4.5	3.1	2.3	70.8	7580
MTX-8.7/15KV-RZ1MZ1-3C150	3×150	4.5	3.2	2.3	74.5	8680
MTX-8.7/15KV-RZ1MZ1-3C185	3×185	4.5	3.4	2.5	79.2	10180
MTX-8.7/15KV-RZ1MZ1-3C240	3×240	4.5	3.6	2.6	85.6	12420