



S.M.C

1.6/1.0 (1.2) KV, FOUR-CORE CABLE, ARMORED, SHEATHED CU / MGT / XLPE / LSZH / SWA / LSZH

1.6/1.0 (1.2) KV, Four-Core Cable, Armored, Sheathed CU / MGT / XLPE / LSZH / SWA / LSZH

Description:

Stranded copper conductor, Mica Glass tape & XLPE Insulated, Extruded LSZH bedding, round galvanized steel wire armored and LSZH outer sheathed cable.

Core Color: Red, Yellow, Blue, Black

Sheath Color: Black

Standards:

Construction: BS 7846.

Testing

6387, BS EN / IEC 60754, BS EN / IEC

61034, IEC 60331, 60332-3.

Installation Condition:

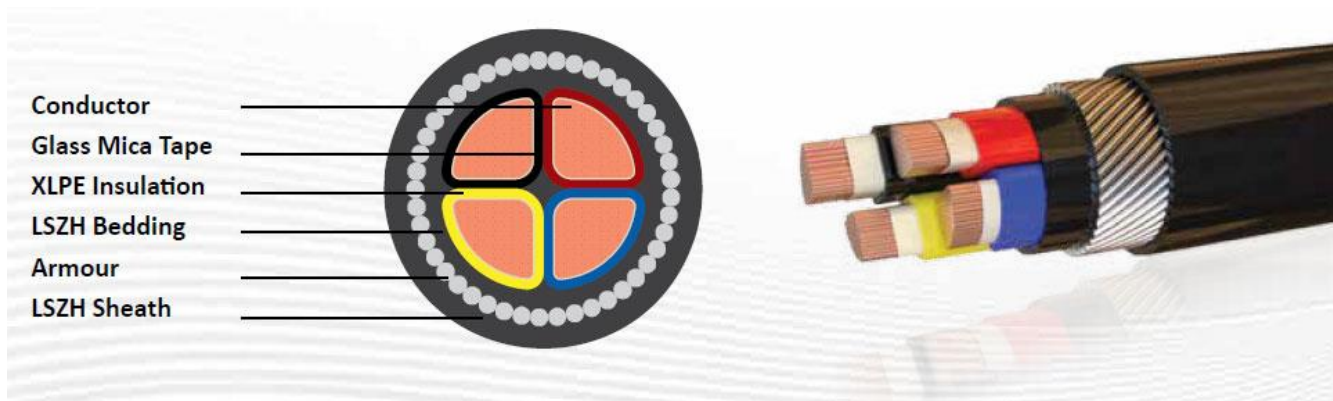
*In free air or on a perforated cable tray

*Ambient Air Temperature: 30°C

*Conductor operating Temperature: 90°C

•Conductors including 16 sq.mm circular shaped, 25 sq.mm and above sector shaped (class2)

•Cable construction to other standard and other core/sheath color available upon request.





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Cable Size	Approx. Conductor Dia./Sect. Height	Approximate Diameter			Approx. Cable Weight	Standard Packing Length (± 5%)	Maximum Conductor Resistance at 20°C	Current Rating in Free Air*
		Under Armor	Over Armor	Overall				
Sqmm	mm	mm	mm	mm	Kg/Km	Meter	Ohm/Km	A
1.5	1.55	9.7	11.5	14.1	395	1000	4.1	25
2.5	1.98	11.3	13.1	15.9	495	1000	7.41	33
4	2.52	12.4	14.2	17.0	595	1000	4.61	44
6	3.08	13.8	16.3	19.3	835	1000	3.08	56
10	3.8	15.3	17.8	20.8	1050	1000	1.83	78
16	4.9	17.8	20.3	23.5	1395	1000	1.15	99
25	5.4	20.5	23.7	27.1	19545	500	0.727	131
35	6.8	23.7	26.9	30.5	2445	500	0.524	162
50	7.9	26.6	29.8	33.6	3080	500	0.387	197



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70	9.2	30.4	34.4	38.6	4325	500	0268	251
95	11.0	34.4	38.4	42.8	5535	500	0.193	304
120	12.2	38.0	43.0	47.6	7110	500	0.153	353
150	13.7	42.5	47.5	52.3	8515	500	0.124	406
185	15.3	47.0	52.0	57.2	10230	250	0.0991	463
240	17.2	52.1	57.1	62.5	12750	250	0.0754	546
300	19.2	57.1	62.1	67.9	15455	250	0.0601	628
400	21.8	64.2	70.5	76.9	20270	200	0.0470	728