



S.M.C

1.6/1.0 (1.2) KV, MULTICORE AUXILIARY 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: 5 Core Red, Yellow, Blue,

Black & Green. All other cares, by number printing on white cores.

Sheath Color: Black

Standards:

Construction: BS 7846. (BS 6724 FOR 48 CORES)

Testing

6387, BS EN / IEC60754, BS EN / IEC61034, IEC 60331,60332-3.

Installation Condition:

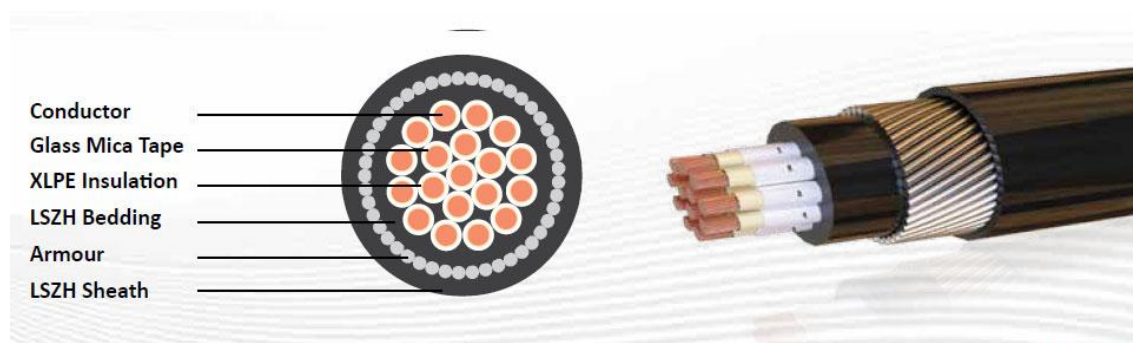
*In free air or on a perforated cable tray

*Ambient Air Temperature: 30°C

*Conductor operating Temperature: 90°C

•All conductors circular stranded or circular stranded compacted (class 2).

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





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Cable Size	No. Of Cores	Approximate Diameter				Approx. Cable Weight	Standard Packing Length (± 5%)	Maximum Conductor Resistance at 20°C	Current Rating IN Free Air
		Over Conductor	Under Armor	Over Armor	Overall				
Sqmm		mm	mm	mm	mm	Kg/Km	Meter	Ohm/Km	A
1.5	5	1.55	11.3	13.1	15.9	480	1000	12.1	19
	7	1.55	12.4	14.2	17.0	550	1000	12.1	17
	12	1.55	16.6	19.1	22.1	920	500	12.1	14
	19	1.55	19.6	22.1	25.3	1200	500	12.1	12
	27	1.55	24.2	27.4	30.8	1760	500	12.1	11
	37	1.55	27.2	30.4	33.8	2115	5000	12.1	10
	48	1.55	31.4	34.6	38.2	2590	500	12.1	9
2.5	5	1.98	13.2	15.0	17.8	595	1000	7.41	26



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	7	198	14.5	16.3	19.1	695	1000	7.41	23
	12	1.98	19.5	22.0	25.2	1175	500	7.41	19
	19	1.98	23.5	26.7	30.1	1760	500	7.41	16
	27	1.98	28.5	31.7	35.3	2280	500	7.41	14
	37	1.98	32.1	35.3	38.9	2775	500	7.41	13
	48	1.98	37.5	41.5	45.5	3760	500	7.41	12
4	5	2.52	14.6	17.1	20.1	835	500	4.61	35
	7	2.52	16.0	18.5	21.5	970	500	4.61	31
	12	2.52	22.0	25.2	28.4	1620	500	4.61	26
	19	2.52	26.0	29.2	32.6	2145	500	4.61	22
	27	2.52	31.6	34.8	38.6	2830	500	4.61	20



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	37	2.52	36.0	40.0	44.0	3840	500	4.61	18
	48	2.52	41.6	45.6	49.8	4710	500	4.61	16