



# S.M.C

## 1.6/1.0 (1.2) KV, SINGLE CORE CABLE, ARMORED, SHEATHED CU / MGT / XLPE / LSZH / AWA / LSZH

### Description:

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

Core Color: Nat -Sheath Color: Black

### Standards:

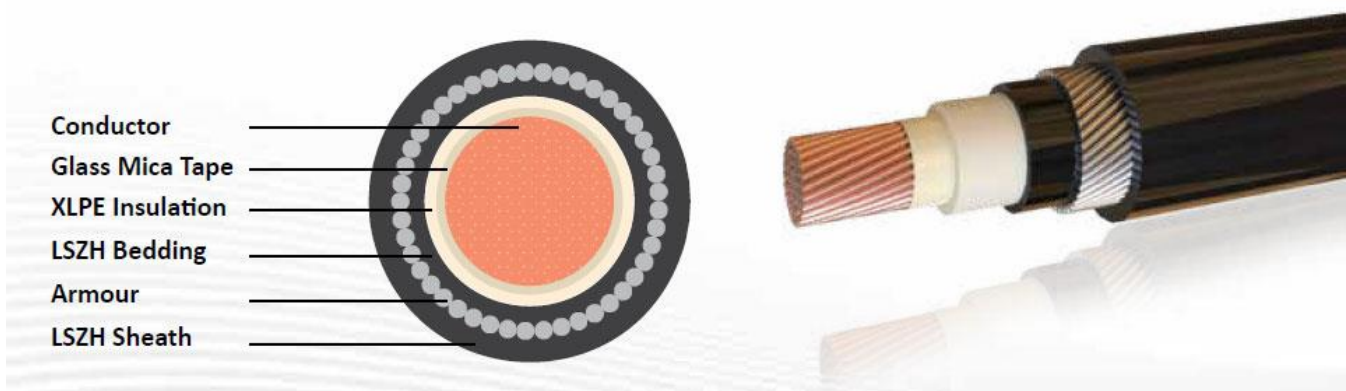
Construction: IEC 60502-1

Testing

6387, BS EN / IEC60754, BS EN / IEC61034, IEC60331,60332-3.

### 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	Approximate Diameter				Approx. Cable Weight	Standard Packing Length (± 5%)	Maximum Conductor Resistance at 20°C	Current Rating(3Ph AC)Trefoil*
	Over Conductor	Under Armor	Over Armor	Overall				
Sqmm	mm	mm	mm	mm	Kg/Km	Meter	Ohm/Km	A
95	11.4	16.4	19.6	22.8	1310	500	0.193	346
120	12.8	18.1	21.3	24.7	1585	500	0.153	402
150	14.2	20.0	23.2	26.6	1910	500	0.124	463
185	15.9	22.1	25.3	28.9	2305	500	0.0991	529
240	1.5	24.8	28.0	31.8	2905	500	0.0754	625
300	20.6	27.2	30.4	34.2	3530	500	0.0601	720
400	23.3	30.7	34.7	38.9	4600	500	0.0470	815
500	26.5	34.	38.3	42.7	5700	500	0.0366	918
630	30.0	38.2	42.2	46.8	7100	250	0.0283	1027



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