



S.M.C

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

Description:

Stranded copper conductor, Mica Glass tape & XLPE Insulated and LSZH outer sheathed cable.

Core Color: R Black-Sheath Color: Black

Standards:

Construction: IEC 60502-1, BS 8573.

Testing

6387, BS EN / IEC 60754, BS EN / IEC 61034, IEC 60331

Installation Condition:

*In free air or on a perforated cable tray

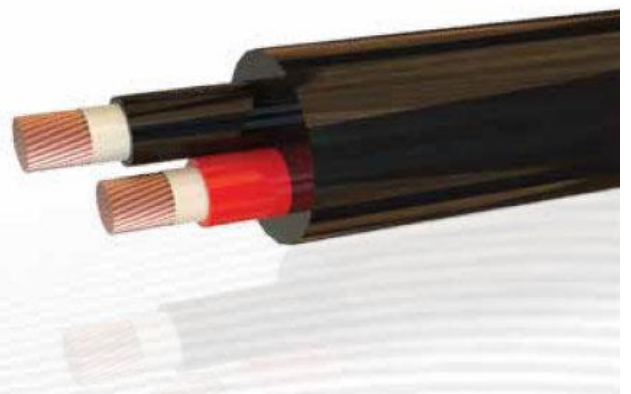
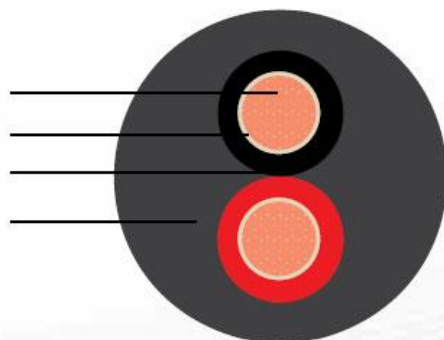
*Ambient Air Temperature: 30°C

*Conductor operating Temperature: 90°C

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

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

Conductor
Glass Mica Tape
XLPE Insulation
LSZH Sheath





S.M.C

Cable Size	Approximate Diameter		Approx. Cable Weight	Standard Packing Length (± 5%)	Maximum Conductor Resistance at 20°	Current Rating in Free Air
	Over Conductor	Overall				
Sqmm	mm	mm	Kg/Km	Meter	Ohm/Km	A
1.5	1.55	11.2	160	1000	12.1	26
2.5	1.98	12.2	200	1000	7.41	36
4	2.52	13.2	250	1000	4.61	49
6	3.08	14.4	310	1000	3.08	63
10	3.8	15.8	420	1000	1.83	86
16	4.9	18.0	580	1000	1.15	115
25	6.0	21.0	840	1000	0.727	149
35	7.1	23.2	1090	1000	0.524	185