



# S.M.C

## 0.6/1.0 (1.2) KV, SINGLE CORE CABLE, NON-SHEATHED CU / MGT / LSZH

### Description:

Stranded Copper conductor, Mica Glass tape & LSZH Insulated Un sheathed cable.  
Core Color: Red, Yellow, Blue, Black, Green etc.

### Standards :

Construction: EN 50525-3/41, BS 8592, BS 7211/1998

### Testing

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

### Installation Condition:

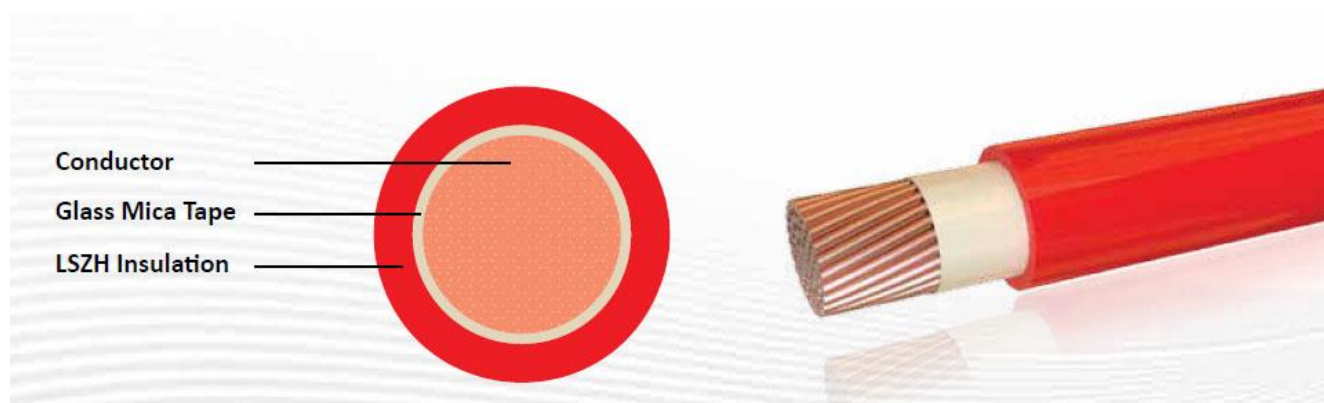
Enclosed in Con on a wall or trucking

Ambient Air Temperature: 30°C

Conductor opera Temperature: 90°C

All conductor's 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	Approx. Conductor Diameter	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length (± 5%)	Maximum Conductor Resistance at 20°C	Current Rating (1Ph AC) *	Current Rating (3Ph AC) *
Sq. mm	mm	mm	Kg/Km	Meter	Ohm/Km	A	A
1.5	1.55	3.8	24	100Y/M	12.1	23	20
2.5	1.98	4.5	35	100Y/M	7.41	31	28
4	2.52	5.0	50	100Y/M	4.61	42	37
6	3.08	5.6	70	100Y/M	3.08	54	48
10	3.8	6.7	110	100Y/M	1.83	75	66
16	4.9	7.8	170	100Y/M	1.15	100	88
25	6.0	9.3	260	1000	0.727	133	117
35	7.1	10.4	350	1000	0.524	164	144
50	8.2	11.8	475	1000	0.387	198	175
70	9.8	13.5	670	1000	0.268	253	222
95	11.4	15.4	920	500	0.193	306	269
120	12.8	16.9	1150	500	0.153	354	312