



S.M.C

THREE CORE CABLES 8.7 / 15 KV (Cu/SC/XLPE/SC/CUT/PVC)

8.7/15 KV –

THREE CORES (HIGHEST SYSTEM VOLTAGE - 17.5 KV)

COPPER CONDUCTOR XLPE INSULATED COPPER TAPE SCREENED

PVC SHEATHED CABLES (CU/SC/XLPE/SC/CUT/ PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation	Thickness of Copper Tape	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum size	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	mm	Kg/Km	Meter ± 5%		Kg
35	0.524	4.5	0.075	2.5	49.4	2760	500	D-19	1700
50	0.387	4.5	0.075	2.6	52.0	3250	500	D-19	1950
70	0.268	4.5	0.075	2.7	55.6	4030	500	D-21	2440
95	0.193	4.5	0.075	2.8	59.9	5000	500	D-22	2970
120	0.153	4.5	0.075	2.9	63.4	5880	500	D-23	3440
150	0.124	4.5	0.075	3.0	66.6	6880	500	D-23	3940
185	0.0991	4.5	0.075	3.1	70.2	8030	500	D-23	4520
240	0.0754	4.5	0.075	3.3	76.0	9930	500	D-23	5470
300	0.0601	4.5	0.075	3.4	80.6	11890	500	D-23	6450
400	0.0470	4.5	0.075	3.7	87.4	14800	250	D-23	4200

All conductors circular compacted.

Cables conform to IEC 60502 - 2.