



S.M.C

THREE CORES CABLES 3.8/6.6 KV

(Cu/SC/XLPE/SC/CUT/PVC/SWA/PVC) 3.8/6.6 KV –

THREE CORES

(HIGHEST SYSTEM VOLTAGE - 7.2 KV) COPPER CONDUCTOR XLPE INSULATED COPPER TAP SCREENED

STEEL WIRE ARMoured PVC SHEATHED CABLES

(CU/SC/XLPE/SC/CUT/ PVC/SWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation	Thickness of Copper Tape	Thickness of Extruded Bedding	Dia of Armour Wire	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	mm	mm	Kg/Km	Meter± 5%		Kg
35	0.524	2.5	0.075	1.2	2.0	2.3	46.2	3820	500	D-18	2150
50	0.387	2.5	0.075	1.3	2.5	2.5	50.2	4830	500	D-19	2735
70	0.268	2.5	0.075	1.4	2.5	2.6	54.1	5770	500	D-21	3305
95	0.193	2.5	0.075	1.4	2.5	2.7	58.4	6910	500	D-22	3925
120	0.153	2.5	0.075	1.5	2.5	2.8	62.0	7950	500	D-23	4475
150	0.124	2.5	0.075	1.5	2.5	2.9	65.2	9050	500	D-23	5025
185	0.0991	2.5	0.075	1.6	2.5	3.0	69.1	10380	250	D-21	3015
240	0.0754	2.6	0.075	1.7	2.5	3.2	75.5	12600	250	D-21	3570
300	0.0601	2.8	0.075	1.8	3.15	3.5	82.8	15870	250	D-23	4470
400	0.0470	3.0	0.075	2.0	3.15	3.8	90.9	19350	250	D-23	5340

All conductors circular compacted.

Equivalent voltage designation as per IEC 60502 – 2: 3.6/6.0 KV.

Cables conform to IEC 60502 - 2.