



# S.M.C

## THREE CORES CABLES 6.35/11 KV (Cu/SC/XLPE/SC/CUT/PVC/SWA/PVC)

6.35/11 KV –

THREE CORES

(HIGHEST SYSTEM VOLTAGE - 12 KV) COPPER CONDUCTOR XLPE INSULATED

COPPER TAPE SCREENED STEEL WIRE ARMoured PVC SHEATHED CABLES

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



Nominal Area of Conducto	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation	Thickness of Copper Tape	Thickness of Extruded Bedding	Dia. of Armor 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	3.4	0.075	1.3	2.5	2.5	52.0	4700	500	D-19	2670
50	0.387	3.4	0.075	1.4	2.5	2.6	54.8	5300	500	D-21	3070
70	0.268	3.4	0.075	1.4	2.5	2.7	58.5	6240	500	D-22	3590
95	0.193	3.4	0.075	1.5	2.5	2.9	63.2	7460	500	D-23	4230
120	0.153	3.4	0.075	1.6	2.5	3.0	66.8	8530	500	D-23	4770
150	0.124	3.4	0.075	1.6	2.5	3.1	70.0	9650	500	D-23	5330
185	0.0991	3.4	0.075	1.7	2.5	3.2	73.9	11040	250	D-21	3180
240	0.0754	3.4	0.075	1.8	3.15	3.4	81.2	14060	250	D-23	4020
300	0.0601	3.4	0.075	1.9	3.15	3.6	86.1	16340	250	D-23	4590
400	0.0470	3.4	0.075	2.0	3.15	3.8	93.0	19610	250	D-23	5400

All conductors circular compacted.

Equivalent voltage designation as per IEC: 60502 - 2 : 6/10 KV

Cables conform to IEC 60502 - 2.