



S.M.C

SINGLE CORE CABLES 6.35/11 KV

(Cu/SC/XLPE/SC/Cu/PVC/AWA/PVC)

6.35/11 KV –

SINGLE CORE (HIGHEST SYSTEM VOLTAGE - 12 KV) COPPER CONDUCTOR XLPE INSULATED COPPER TAPE SCREENED ALUMINIUM WIRE ARMoured PVC SHEATHED CABLES (CU/SC/XLPE/SC/CUT/ PVC/AWA/PVC)



Nominal Area of Conducto	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation	Thickness of Copper Tape	Thickness of Extruded Bedding	Día 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	1.2	1.6	1.8	27.3	1130	500	D-12	675
50	0.387	3.4	0.075	1.2	1.6	1.8	28.4	1290	500	D-12	755
70	0.268	3.4	0.075	1.2	1.6	1.9	30.2	1560	500	D-14	930
95	0.193	3.4	0.075	1.2	1.6	1.9	32.1	1880	500	D-16	1150
120	0.153	3.4	0.075	1.2	1.6	2.0	33.8	2190	500	D-16	1330
150	0.124	3.4	0.075	1.2	2.0	2.1	36.2	2620	500	D-18	1550
185	0.0991	3.4	0.075	1.2	2.0	2.1	37.8	3000	500	D-18	1740
240	0.0754	3.4	0.075	1.2	2.0	2.2	40.5	3640	500	D-18	2060
300	0.0601	3.4	0.075	1.2	2.0	2.2	42.5	4290	500	D-18	2390
400	0.0470	3.4	0.075	1.2	2.0	2.4	45.8	5270	500	D-19	2960
500	0.0366	3.4	0.075	1.3	2.5	2.5	50.2	6550	500	D-19	3600
630	0.0283	3.4	0.075	1.4	2.5	2.6	54.4	8020	500	D-21	4430

All conductors circular compacted.

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

Cables conform to IEC 60502 - 2.