



S.M.C

THREE CORES CABLES 19/33 KV (AL/SC/XLPE/SC/CUT/PVC/SWA/PVC)

19/33 KV –

THREE CORES

(HIGHEST SYSTEM VOLTAGE - 36 KV) ALUMINIUM CONDUCTOR XLPE INSULATED COPPER TAPE SCREENED STEEL WIRE ARMoured PVC SHEATHED CABLES

(AL/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	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
50	0.641	8.0	0.075	1.8	3.15	3.4	78.8	8380	500	D-23	4690
70	0.443	8.0	0.075	1.8	3.15	3.5	82.9	9120	500	D-24	5160
95	0.320	8.0	0.075	1.9	3.15	3.6	87.2	10000	500	D-25-S	5750
120	0.253	8.0	0.075	2.0	3.15	3.7	90.6	10680	250	D-23	3170
150	0.206	8.0	0.075	2.0	3.15	3.8	93.8	11410	250	D-23	3350
185	0.164	8.0	0.075	2.1	3.15	4.0	98.1	12370	250	D-23	3590
240	0.125	8.0	0.075	2.2	3.15	4.1	104.0	13760	250	D-25	4190
300	0.100	8.0	0.075	2.3	3.15	4.3	109.0	15060	200	D-25	3760

All conductors circular compacted.

Equivalent voltage designation as per IEC 60502 - 2: 18/30 KV.

Cables conform to IEC 60502 - 2.