



S.M.C

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

19/33 KV –

THREE CORES (HIGHEST SYSTEM VOLTAGE - 36 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 Conductor	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	0.387	8.0	0.075	1.8	3.15	3.4	78.8	9230	500	D-23	5120
70	0.268	8.0	0.075	1.8	3.15	3.5	82.5	10310	500	D-24	5760
95	0.193	8.0	0.075	1.9	3.15	3.6	87.0	11640	500	D-25-S	6570
120	0.153	8.0	0.075	2.0	3.15	3.7	90.6	12850	250	D-23	3710
150	0.124	8.0	0.075	2.0	3.15	3.8	93.8	14150	250	D-23	4040
185	0.0991	8.0	0.075	2.1	3.15	4.0	97.9	15700	250	D-23	4430
240	0.0754	8.0	0.075	2.2	3.15	4.1	104.0	18120	250	D-25	5280
300	0.0601	8.0	0.075	2.3	3.15	4.3	109.0	20570	200	D-25	4860

All conductors circular compacted.

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

Cables conform to IEC 60502 - 2.