



S.M.C

THREE CORES CABLES 8.7/15 KV (AL/SC/XLPE/SC/CUT/PVC/SWA/PVC)

8.7/15 KV –

THREE CORES

(HIGHEST SYSTEM VOLTAGE - 17.5 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	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	0.868	4.5	0.075	1.4	2.5	2.7	57.4	4710	500	D-19	2680
50	0.641	4.5	0.075	1.5	2.5	2.8	60.2	5130	500	D-22	3040
70	0.443	4.5	0.075	1.5	2.5	2.9	64.2	5740	500	D-23	3370
95	0.320	4.5	0.075	1.6	2.5	3.0	68.5	6460	500	D-23	3730
120	0.253	4.5	0.075	1.7	2.5	3.1	72.0	7100	500	D-23	4050
150	0.206	4.5	0.075	1.7	2.5	3.2	75.2	7680	500	D-23	4340
185	0.164	4.5	0.075	1.8	3.15	3.4	80.8	9370	500	D-23	5190
240	0.125	4.5	0.075	1.9	3.15	3.6	86.8	10580	500	D-25-S	6040
300	0.100	4.5	0.075	2.0	3.15	3.7	91.3	11720	500	D-25-S	2930
400	0.0778	4.5	0.075	2.1	3.15	4.0	98.8	13490	400	D-25-S	6150

All conductors circular compacted.

Cables conform to IEC 60502 - 2.



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