



# S.M.C

## SINGLE CORE CABLES 8.7/15 KV (CU/SC/XLPE/SC/AWA/PVC)

8.7/15 KV –

SINGLE CORE (HIGHEST SYSTEM VOLTAGE - 17.5 KV) COPPER CONDUCTOR XLPE INSULATED ALUMINIUM WIRE ARMoured PVC SHEATHED CABLES (CU/SC/XLPE/SC/AWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation	Thickness of Bedding (Semiconducting) Tape	Día of Armor Wire	Thickness of Outer sheath	Approx. Overall Diamet	Approx. Cable Weight	Standard Packing Length	Drum size	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	mm	mm	Kg/Km	Meter± 5%		Kg
35	0.524	4.5	0.4	1.6	1.8	27.9	1050	500	D-12	635
50	0.387	4.5	0.4	1.6	1.8	29.0	1210	500	D-12	715
70	0.268	4.5	0.4	1.6	1.9	30.8	1470	500	D-14	885
95	0.193	4.5	0.4	1.6	1.9	32.7	1780	500	D-16	1100
120	0.153	4.5	0.4	2.0	2.0	35.2	2170	500	D-18	1330
150	0.124	4.5	0.4	2.0	2.1	36.8	2510	500	D-18	1500
185	0.0991	4.5	0.4	2.0	2.1	38.4	2890	500	D-18	1680
240	0.0754	4.5	0.4	2.0	2.2	41.1	3510	500	D-18	2000
300	0.0601	4.5	0.4	2.0	2.3	43.3	4170	500	D-18	2330
400	0.0470	4.5	0.4	2.5	2.4	47.4	5240	500	D-19	2950
500	0.0366	4.5	0.4	2.5	2.5	50.6	6350	500	D-19	3500
630	0.0283	4.5	0.4	2.5	2.6	54.6	7780	500	D-21	4310

All conductors circular compacted.

Cables conform to IEC 60502 - 2.