



# S.M.C

## THREE CORE CABLES 8.7 / 15 KV (CU/SC/XLPE/SC/C UT/PVC/SWA/PVC)

8.7 / 15 KV –

THREE CORE (HIGHEST SYSTEM VOLTAGE -17.5 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 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	4.5	0.075	1.4	2.5	2.7	57.4	5320	500	D-22	3130
50	0.387	4.5	0.075	1.5	2.5	2.8	60.2	5980	500	D-22	3460
70	0.268	4.5	0.075	1.5	2.5	2.9	63.8	6940	500	D-23	3870
95	0.193	4.5	0.075	1.6	2.5	3.0	68.3	8170	500	D-23	4590
120	0.153	4.5	0.075	1.7	2.5	3.1	72.0	9270	500	D-23	5140
150	0.124	4.5	0.075	1.7	2.5	3.2	75.2	10410	500	D-23	5710
185	0.0991	4.5	0.075	1.8	3.15	3.4	80.5	12630	500	D-23	6820
240	0.0754	4.5	0.075	1.9	3.15	3.6	86.5	14930	500	D-25-S	8220
300	0.0601	4.5	0.075	2.0	3.15	3.7	91.3	17230	500	D-25-S	9370
400	0.0470	4.5	0.075	2.1	3.15	4.0	98.3	20580	400	D-25-S	8980

All conductors circular compacted.

Cables conform to IEC 60502 - 2.