THREE COREs CABLES CU/SC/XLPE/SC/CUT/PVC/LC/PVC/SWA/PVC 6.35 /11 KV –

Three cores (highest system voltage - 12 kv) copper conductor XLPE insulated lead sheathed steel wire armored PVS sheathed cables CU/SC/XLPE/SC/CUT/PVC/LC/PVC/SWA/PVC

Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of XLPE Insulation (No m.)	Thickness of Copper Tape(Approx.)	Thickness of Extruded Bedding (Appr ox.)	Thickness of Lead Sheath (Nom.)	Thickness of Separation Sheath (Nom.)	Dia of Armor wire(Nom.)	Thickness of Outer Sheath (Nom.)	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross weight
Sqm	Ohm/ Km	mm	mm	mm	mm	mm	mm	mm	mm	Kg/Km	Meter ±5%		kg
35	0.524	3.4	0.075	1.4	1.8	1.4	2.50	2.7	59.6	8360	500	D-22	4650
50	0.387	304	0.075	1.4	1.9	1.5	2.50	2.8	62.6	9340	500	D-23	5170
70	0.268	3.4	0.075	1.4	2.0	1.5	2.50	2.9	66.5	10725	500	D-23	5865
95	0.193	3.4	0.075	1.4	2.1	1.6	2.50	3.0	71.2	12445	500	D-23	6725
120	0.153	3.4	0.075	1.6	2.2	1.7	2.50	3.2	75.6	14105	500	D-23	7555
150	0.124	3.4	0.075	1.6	23	1.7	3.15	3.3	80.3	16535	400	D-23	7115
185	0.0991	3.4	0.075	1.6	2.4	1.8	3.15	3.5	84.6	18550	250	D-23	5140
240	0.0754	3.4	0.075	1.6	2.5	1.9	3.15	3.6	90.6	21530	250	D-25	6135
300	0.0601	3.4	0.075	1.8	2.6	2.0	3.15	3.8	96.1	24610	250	D-25	6905

All Conductor circular compacted.

Equivalent Voltage designation as per IEC 60502 - 2/1997: 6/10 KV.

Lead Alloy Type 'E' to BS 801, Lead Sheath Thickness to IEC 60505 - 2/1997.

PVS type -9/ST-2 Outer sheath.

Cables conform to IEC 60502-2/1997.