

MEDIUM VOLTAGE OVERHEAD XLPE COVERED CONDUCTOR
AAAC-S 6/10 KV
(ALL ALUMINIUM ALLOY CONDUCTOR, XLPE INSULATED)
SPEC : SPLN 41 - 10 : 1991

Nominal Cross section of cable	No.of Wire /Diameter	Insulation Thickness	Approx. Overall Diameter	Approx. Cable Weight	Calculated Breaking Force	D.C. Resistance at 20°C	Current Carrying Capacity		Standard Weight per Reel
							30°C	40°C	
mm ²	-	mm	mm	kg/km	kg	ohm/km	A	A	kg
35	7/2.5	3,0	13,50	195	980	0,958	167	150	1.000
50	19/1.75	3,0	14,75	236	1.300	0,724	200	180	1.000
70	19/2.25	3,0	17,25	344	2.150	0,438	275	246	1.000
95	19/2.5	3,0	18,50	406	2.660	0,355	315	282	1.000
120	19/2.75	3,0	19,75	473	3.220	0,293	356	319	1.000
150	19/3.25	3,0	22,25	624	4.190	0,225	423	378	1.000
150	37/2.25	3,0	21,75	586	4.190	0,225	423	378	1.000
185	37/2.5	3,0	23,50	700	5.170	0,183	484	432	1.000
240	61/2.25	3,0	26,25	894	6.190	0,139	586	523	1.000