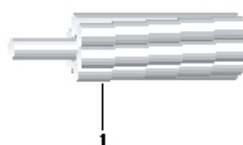


AAC

TIS 85-2548
A1



Construction :

1. Conductor : Stranded hard-drawn aluminium wires (A1)

Application :

Aerial power transmission and distribution line.

Code No.	Cross-sectional Area sq.mm	No. of Wires	Diameter		Cable Weight kg/km	Rated Tensile Strength kN	Max. D.C. Resistance at 20°C Ohm/km	Current Rating in Air Amp.	Standard Length m
			Wire mm	Conductor mm					
10	10	7	1.35	4.05	27.4	1.95	2.8633	81	3000/D
16	16	7	1.71	5.12	43.8	3.04	1.7896	109	3000/D
25	25	7	2.13	6.40	68.4	4.50	1.1453	146	3000/D
40	40	7	2.70	8.09	109.4	6.80	0.7158	197	2500/D
63	63	7	3.39	10.20	172.3	10.39	0.4545	264	2500/D
100	100	19	2.59	12.90	274.8	17.00	0.2877	355	2500/D
125	125	19	2.89	14.50	343.6	21.25	0.2302	411	2000/D
160	160	19	3.27	16.40	439.8	26.40	0.1798	482	2000/D
200	200	19	3.66	18.30	549.7	32.00	0.1439	556	2000/D
250	250	19	4.09	20.50	687.1	40.00	0.1151	643	1500/D
315	315	37	3.29	23.00	867.9	51.97	0.0916	745	1500/D
400	400	37	3.71	26.00	1102.0	64.00	0.0721	870	1000/D
450	450	37	3.94	27.50	1239.8	72.00	0.0641	938	1000/D
500	500	37	4.15	29.00	1377.6	80.00	0.0577	1003	1000/D
560	560	37	4.39	30.70	1542.9	89.60	0.0515	1078	1000/D
630	630	61	3.63	32.60	1738.3	100.80	0.0458	1162	500/D
710	710	61	3.85	34.60	1959.1	113.60	0.0407	1252	500/D
800	800	61	4.09	36.80	2207.4	128.00	0.0361	1349	500/D
900	900	61	4.33	39.00	2483.3	144.00	0.0321	1450	500/D
1000	1000	61	4.57	41.10	2759.2	160.00	0.0289	1545	500/D
1120	1120	91	3.96	43.50	3093.5	179.20	0.0258	1654	500/D
1250	1250	91	4.18	46.00	3452.6	200.00	0.0231	1765	500/D
1400	1400	91	4.43	48.70	3866.9	224.00	0.0207	1880	500/D
1500	1500	91	4.58	50.40	4143.1	240.00	0.0193	1955	500/D