

WAPDA SPECIFICATION CONDUCTORS

Factors for AAC Conductors

Number of wires in conductor	Standing Constant	
	Weight	Resistance
7	7.091	0.14470
19	19.34	0.05357
37	37.74	0.02757
61	62.35	0.01676

Factors for ACSR Conductors

No. of wires in conductor		Weight		Electrical Resistance
Aluminium	Steel	Aluminium	Steel	
6	1	6.091	1.000	0.1692
6	7	6.091	7.032	0.1692
12	7	12.26	7.032	0.08514
18	1	18.34	1.000	0.05660
24	7	24.50	7.032	0.04253
26	7	26.56	7.032	0.03928
28	7	28.61	7.032	0.03649
30	7	30.67	7.032	0.03408
30	19	30.67	19.15	0.03408
32	19	32.66	19.15	0.03180
45	7	45.98	7.032	0.02271
54	7	55.23	7.032	0.01894
54	19	55.23	19.15	0.01894