

WAPDA SPECIFICATION CONDUCTORS

PVC-Covered Conductors For Overhead Power Lines AAC Insulated Conductors DD - PD 44 : 91

1	2	3	4	5	6	7	8
Code name	Nominal aluminium area	Stranding and wire diameter	Approximate over all diameter bare conductor	Resistance per km at 20°C (max)	Approximate breaking load (min)	Approximate over all diameter covered conductor	Approximate mass per km of covered conductor
	mm ²	mm	mm	Ohms/ km	kg	mm	Kg
Gnat	25	7/2.21	06.63	1.0661	469	10.63	170
Ant	50	7/3.10	09.30	0.5419	847	13.70	285
Wasp	100	7/4.39	13.17	0.2702	1633	18.37	520

PVC Covered Aluminium Conductors Steel Reinforced ACSR Insulated Conductors DD - PD 67 : 95

1	2	3		4	5	6	7	8	9
Code name	Nominal aluminium area	Stranding and wire diameter		Approximate over all diameter bare conductor	Resistance per km at 20 °C (max)	Approximate breaking load (min)	Approximate over all diameter covered conductor	Approximate mass per km of covered conductor	
		Aluminium	Steel						
	mm ²	mm	mm	mm	Ohms/ km	kg	mm	Kg	
Gopher	25	6/2.36	1/2.36	7.08	1.0930	980	11.1	210	
Rabbit	50	6/3.35	1/3.35	10.05	0.5426	1875	14.1	345	
Dog	100	6/4.72	7/1.57	14.15	0.2733	3225	18.2	570	
Lynx	175	30/2.79	7/2.79	19.53	0.1576	8192	23.6	1070	
Panther	200	30/3.00	7/3.00	21.00	0.1363	9407	25.0	1220	
Osprey	275	18/4.465	1/4.465	22.33	0.1022	6220	26.4	1160	