

WAPDA SPECIFICATION CONDUCTORS

Aluminium Conductor Steel Reinforced(ACSR)P-50:88-BS

Code name	Aluminium Conductor	Steel core	Diameter		Cross Section Area		Rated ultimate Tensile strength	Maximum D.C. resistance at 20 °C	Weight
			Complete conductor	Steel core	Aluminium	Complete conductor			
	no/mm	no/mm	mm	mm	mm ²	mm ²	kg	Ohms/km	Kg/km
Gopher	6/2.36	1/2.36	7.08	2.36	26.25	30.62	980	1.093	106
Rabbit	6/2.35	1/3.35	10.05	3.35	52.88	61.69	1875	0.543	214
Dog	6/4.72	7/1.57	14.15	4.71	104.98	118.53	3225	0.273	394
Lynx	30/2.79	7/2.79	19.53	8.37	183.41	226.20	8192	0.158	842
Cuckoo	24/4.62	7/3.08	27.72	9.24	402.33	454.48	12385	0.072	1519
Rail	45/3.70	7/2.47	29.61	7.41	483.84	517.38	11874	0.060	1599
Cardinal	54/3.38	7/3.38	30.42	10.14	484.50	547.30	15262	0.060	1832

Aluminium Conductor Steel Reinforced(ACSR)DD-PDS-7/US

Code name	Aluminium Conductor	Steel core	Diameter		Cross Section Area		Rated ultimate Tensile strength	Maximum D.C. resistance at 20 °C	Weight
			Complete conductor	Steel core	Aluminium	Complete conductor			
	no/mm	no/mm	mm	mm	mm ²	mm ²	kg	Ohms/km	Kg/km
Martin	18/3.47	1/3.47	17.35	3.47	170.5	9.46	3936	0.1691	544
Panther	30/3.00	7/3.00	21.00	9.00	212.1	49.48	9407	0.1363	974
Osprey	18/4.465	1/4.465	22.35	4.465	281.9	15.66	6220	0.1022	898.8