

BNSR ALUMINIUM ALLOY CONDUCTOR

Aluminium Alloy Wires Used in the Costruction of Stranded Aluminium Alloy conductors

Diameter			Cross Sectional Areas of Nominal	Mass	Minimum Breaking Load		Resistance At 200C Max
Nom	Min	Max			Before	After	
					Stranding	Stranding	
Mm	Mm	Mm	Mm ²	Kg/Km	kN	kN	ohms/Km
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2.00	1.98	2.02	3.14	8.48	0.97	0.92	10.65
2.50	2.47	2.53	4.91	13.25	1.52	1.44	6.85
2.89	2.86	2.92	6.56	17.71	2.03	1.93	5.11
3.15	3.12	3.18	7.79	21.04	2.41	2.29	4.29
3.31	3.28	3.34	8.61	23.23	2.66	2.53	3.88
3.40	3.37	3.43	9.08	24.51	2.80	2.66	3.68
3.45	3.42	3.48	9.35	25.24	2.89	2.75	3.57
3.55	3.51	3.59	9.90	26.72	3.06	2.91	3.39
3.66	3.62	3.70	10.52	28.41	3.25	3.09	3.19
3.71	3.67	3.75	10.81	29.19	3.34	3.17	3.10
3.81	3.77	3.85	11.40	30.78	3.52	3.34	2.94
3.94	3.90	3.98	12.19	32.92	3.77	3.58	2.75
4.00	3.96	4.04	12.57	33.93	3.88	3.69	2.66
4.26	4.22	4.30	14.25	38.48	4.40	4.18	2.35