



# SHASHI CABLES LIMITED

## All Aluminium Alloy Conductors Details

Nom. Alum. Area mm (cond.)	Stranding & wire Dia in mm	Approx. Overall Dia in mm (cond.)	Approx. Mass in kg/km (cond.)	Calculated Maximum Resist at 20° C (Ω/km) (cond.)	Approx. Calculated Breaking Load (kN) (cond.)
15	3/2.50	5.39	40.15	2.3040	4.33
22	7/2.00	6.00	60.16	1.5410	6.45
34	7/2.50	7.50	94.00	0.9900	10.11
55	7/3.15	9.45	149.20	0.6210	16.3
80	7/3.81	11.43	218.26	0.4250	23.41
100	7/4.26	12.78	272.86	0.3390	29.26
125	19/2.89	14.45	342.51	0.2735	36.64
148	19/3.15	15.75	406.91	0.2298	43.5
173	19/3.40	17.00	474.02	0.1969	50.54
200	19/3.66	18.30	549.40	0.1710	58.66
232	19/3.94	19.70	636.67	0.1471	68.05
288	37/3.15	22.05	794.05	0.1182	84.71
346	37/3.45	24.15	952.56	0.0984	101.58
400	37/3.71	25.97	1101.63	0.0855	117.4
465	37/4.00	28.00	1280.50	0.0734	136.38
525	61/3.31	29.79	1448.39	0.0651	146.03
570	61/3.45	31.05	1573.71	0.0598	158.66
604	61/3.55	31.95	1666.00	0.0568	167.99
642	61/3.66	32.94	1771.36	0.0534	178.43
695	61/3.81	34.29	1919.13	0.0492	193.25
767	61/4.00	36.00	2115.54	0.0446	213.01

ISO 9001 2015, OHSAS 18001 2007 & ISO 14001 2015  
 Design, Manufacturing, Testing and Supply of Electrical  
 Conductor (AAC, AAAC, ACSR, AACSR, AL-59, ACSS, TACSR,  
 STACIR and GAP) for Overhead Transmission and Distribution  
 Systems and Copper Conductors (HDGC and Contact  
 Wire) for Railways Infrastructure.

ANZSIC Code: 2439 SHASHI CABLES LIMITED

