



SHASHI CABLES LIMITED

ACSR Conductors Details

Cond. Area mm ²	Strands & Dia in mm Alum.	Strands & Steel Dia in mm	Calculated sectional Sq.mm Alum.	Area Conductor sqmm	Approx overall Dia mm Conductor	Weight kg/km Conductor	Weight kg/km Alum.	Weight kg/km Steel	Calc. Electrical Resistance at 20°C Ohms/km Cond.	Approx Calc. Breaking Load(KN) Cond.
20	6/2.11	1/2.11	20.98	24.48	6.33	85	58	27	1.394	70.61
30	6/2.59	1/2.59	31.61	36.88	7.77	128	87	41	0.929	11.12
50	6/3.35	1/3.35	52.88	61.70	10.05	214	145	69	0.552	18.25
80	6/4.09	1/4.09	78.83	91.97	12.27	319	216	103	0.371	26.91
100	6/4.72	7/1.57	105.00	118.50	14.15	394	288	106	0.279	32.41
150	30/2.59	7/2.59	158.10	194.90	18.13	726	437	289	0.187	67.34
200	30/3.00	7/3.00	212.10	261.50	21.00	974	586	388	0.139	89.67
400	42/3.50	7/1.96	404.10	425.20	26.88	1281	1116	165	0.073	88.79
420	54/3.18	7/3.18	428.90	484.50	28.62	1621	1186	435	0.069	130.32
520	54/3.53	7/3.53	528.50	597.00	31.77	2004	1461	537	0.056	161.20
560	42/4.13	7/2.30	562.70	591.70	31.68	1787	1553	228	0.052	120.16
690	42/4.57	7/2.54	688.90	724.40	35.04	2187	1901	285	0.042	146.87
810	45/4.78	7/3.18	807.80	862.00	38.22	2668	2232	436	0.0358	188.50

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

