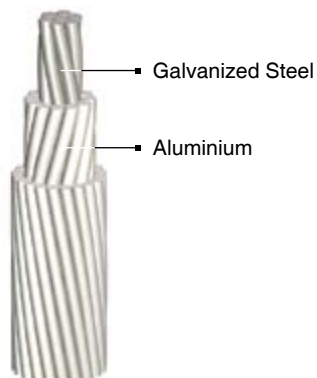




Technical Properties

Size	Number / Diameter of Wire		Calculated Cross Section Area		Approx. Overall Diameter	Approx. Weight of Conductor	Calculated Breaking Load	DC Resistance at 20 °C Max.	Current Carrying Capacity *	Standard Length per Reel
	Al	GSW	Al	GSW						
mm ²	No. / mm	No. / mm	mm ²	mm ²	mm	kg/km	kN	Ohm/km	A	m
25	6 / 2.30	1 / 2.30	24.9	4.2	6.90	101	8.9	1.15	148	2,000
32	6 / 2.60	1 / 2.60	31.9	5.3	7.80	129	11.2	0.899	174	2,000
58	6 / 3.50	1 / 3.50	57.7	9.6	10.50	233	19.4	0.497	253	2,000
95	6 / 4.50	1 / 4.50	95.4	15.9	13.50	385	31.2	0.301	349	2,000
120	30 / 2.30	7 / 2.30	124.6	29.1	16.10	574	54.3	0.233	417	2,000
160	30 / 2.60	7 / 2.60	159.3	37.2	18.20	733	68.5	0.182	489	2,000
200	30 / 2.90	7 / 2.90	198.2	46.2	20.30	912	84.7	0.147	561	2,000
240	30 / 3.20	7 / 3.20	241.3	56.3	22.40	1,110	100.1	0.120	639	2,000
330	26 / 4.00	7 / 3.10	326.7	52.8	25.30	1,319	107.4	0.0888	768	2,000
410	26 / 4.50	7 / 3.50	413.5	67.3	28.50	1,673	136.4	0.0702	892	2,000
610	54 / 3.80	7 / 3.80	612.4	79.4	34.20	2,321	180.0	0.0474	1,136	2,000
810	45 / 4.80	7 / 3.20	814.3	56.3	38.40	2,699	181.2	0.0356	1,342	1,000

* Note : Ambient temperature : 35° C Conductivity of Al : 61% IACS
 wind velocity : 0.6 m/sec Solar absorbtion coefficient : 0.5
 Continuous operating temperature of conductor : 80° C Emissivity with respect to black body : 0.6