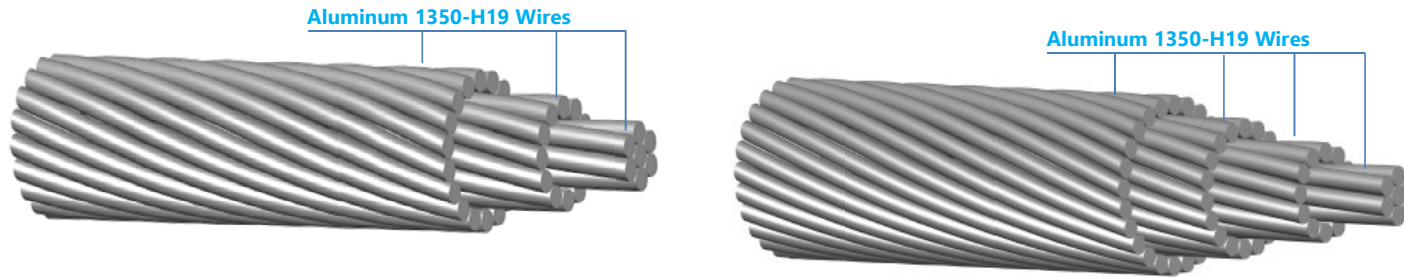


## ALL ALUMINUM CONDUCTOR (AAC)

**All Aluminium Conductor (AAC):** It consists of one or more strands of hard-drawn 1350-H19 aluminium wires, concentrically stranded. This Electrical Conductor (EC) grade aluminium offers a minimum conductivity of 61.2% IACS (International Annealed Copper Standard). AAC conductors are commonly used in low, medium, and high voltage overhead lines, especially in urban areas where spans are short and high conductivity is required. Their excellent corrosion resistance makes them particularly suitable for coastal regions. These conductors comply with standards such as ASTM B-230 and ASTM B-231, ensuring consistent quality and performance

### **Construction**

Concentrically stranded Aluminum 1350-H19 wires around a central Aluminum 1350-H19 core



### **Features:**

- High current carrying capacity.
- Suitable for low and medium voltage lines in urban area Excellent resistance to corrosion
- Ideal for use in low humid and low corrosive areas

**ALL ALUMINUM CONDUCTOR (AAC) - IS 398 Part-I**

Nominal Aluminum Area	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
(mm <sup>2</sup> )	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
25	26.85	7	2.21	6.63	74	4.52	1.0960	108	128
50	52.83	7	3.10	9.30	145	8.25	0.5525	163	197
100	106.00	7	4.39	13.17	290	15.96	0.2752	246	299
150	150.90	19	3.18	15.90	415	23.28	0.1942	304	373
240	237.60	19	3.99	19.95	654	35.74	0.1235	393	487
300	322.70	19	4.65	23.25	888	48.74	0.0911	468	587

**ALL ALUMINUM CONDUCTOR (AAC) - BS 215 Part-I**

Nominal Aluminum Area	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
(mm <sup>2</sup> )	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
22	23.33	7	2.06	6.18	64	3.99	1.2270	100	119
50	52.83	7	3.10	9.30	145	8.28	0.5419	165	199
60	63.55	7	3.40	10.20	174	9.90	0.4505	183	221
100	106.00	7	4.39	13.17	290	16.00	0.2702	250	304
150	157.60	19	3.25	16.25	434	25.70	0.1825	313	384
200	213.20	19	3.78	18.90	587	32.40	0.1349	374	463
250	265.70	19	4.22	21.10	731	40.40	0.1083	423	526
300	322.70	19	4.65	23.25	888	48.75	0.0892	473	593
400	415.20	37	3.78	26.46	1145	63.10	0.0694	543	686

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmissivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - NBR 7271**

Code Name	Nominal Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires (No.)	Individual wire diameter (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
	(mm <sup>2</sup> )			(mm)	(Kg/m)	KN	(Ω/Km)		
Peachbell	13.21	7	1.55	4.65	36	2.50	2.1755	71	84
Rose	21.12	7	1.96	5.88	58	3.91	1.3606	95	114
Lily	26.61	7	2.20	6.60	73	4.85	1.0799	108	129
Iris	33.54	7	2.47	7.41	92,5	5.99	0.8567	126	151
Pansy	42.49	7	2.78	8.34	117, 1	7.30	0.6763	144	172
Poppy	53.52	7	3.12	9.36	148	8.84	0.5369	167	200
ASTER	67.35	7	3.50	10.50	186	11.12	0.4267	189	228
Phlox	84.91	7	3.93	11.79	234	13.45	0.3384	218	265
Oxlip	107.41	7	4.42	13.26	296	17.01	0.2675	249	304
Sneezewort	126.67	7	4.80	14.40	349	20.06	0.2269	276	338
Valerian	126.37	19	2.91	14.55	348	20.68	0.2274	275	336
Daisy	135.25	7	4.96	14.88	373	21.42	0.2125	288	351
Laurel	135.20	19	3.01	15.05	373	22.13	0.2125	286	350
Peoni	151.85	19	3.19	15.95	419	24.29	0.1892	307	378
Tulip	170.48	19	3.38	16.90	470	27.27	0.1686	327	403
Daffodil	177.62	19	3.45	17.25	490	28.41	0.1618	336	415
Canna	202.09	19	3.68	18.40	557	31.76	0.1422	361	447
Goldentuft	228.14	19	3.91	19.55	629	35.01	0.1260	390	482
Cosmos	241.15	19	4.02	20.10	665	37.01	0.1192	400	497
Syringa	241.03	37	2.88	20.16	665	38.60	0.1192	401	499
Zinnia	253.30	19	4.12	20.60	698	38.87	0.1134	412	512
Hyacinth	252.89	37	2.95	20.65	697	40.50	0.1136	412	514
Dahlia	282.37	19	4.35	21.75	779	43.33	0.1018	438	546
Mistletoe	281.07	37	3.11	21.77	775	43.99	0.1022	439	547

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - NBR 7271**

Code Name	Nominal Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires (No.)	Individual wire diameter (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
	(mm <sup>2</sup> )			(mm)	(Kg/m)	KN	(Ω/Km)		
Meadowsweet	303.18	37	3.23	22.61	836	47.45	0.0948	456	570
Orchid	322.24	37	3.33	23.31	888	50.44	0.0892	473	593
Heuchera	330.03	37	3.37	23.59	910	51.66	0.0871	478	600
Verbena	353.95	37	3.49	24.43	976	55.40	0.0812	499	627
Flag	354.45	61	2.72	24.48	977	57.10	0.0811	498	626
Violet	362.11	37	3.53	24.71	998	56.68	0.0794	506	636
Nasturtium	362.31	61	2.75	24.75	999	56.68	0.0793	505	634
Petunia	380.81	37	3.62	25.34	1050	58.56	0.0755	520	655
Cattail	380.99	61	2.82	25.38	1050	60.35	0.0754	519	654
Arbutus	402.14	37	3.72	26.04	1109	61.85	0.0715	536	676
Lilac	402.92	61	2.90	26.10	1111	63.82	0.0713	535	676
Anemone	444.27	37	3.91	27.37	1225	66.71	0.0647	567	717
Cockscomb	455.70	37	3.96	27.72	1256	68.42	0.0631	573	726
Snapdragon	457.44	61	3.09	27.81	1261	70.81	0.0628	575	730
Magnolia	483.74	37	4.08	28.56	1334	72.63	0.0594	592	752
Goldenrod	484.48	61	3.18	28.62	1336	75.00	0.0593	594	755
Hawkweed	507.74	37	4.18	29.26	1400	76.24	0.0566	608	774
Camelia	506.04	61	3.25	29.25	1395	78.34	0.0568	609	774
Bluebell	522.42	37	4.24	29.68	1440	78.44	0.0550	618	787
Larkspur	524.90	61	3.31	29.79	1447	81.25	0.0547	620	792
Marigold	563.65	61	3.43	30.87	1554	87.25	0.0510	643	822
Hawthorn	603.78	61	3.55	31.95	1665	93.46	0.0476	669	858
Narcissus	645.29	61	3.67	33.03	1779	98.15	0.0445	692	890
Columbine	684.29	61	3.78	34.02	1887	104.10	0.0420	716	922

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - NBR 7271**

Code Name	Nominal Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
Carnation	724.97	61	3.89	35.01	1999	107.70	0.0396	737	953
Gladiolus	766.55	61	4.00	36.00	2113	113.80	0.0375	757	981
Coreopsis	805.36	61	4.10	36.90	2220	119.60	0.0357	777	1010
Jessamine	885.84	61	4.30	38.70	2442	131.60	0.0324	815	1064
Cowslip	1010.43	91	3.76	41.36	2813	152.00	0.0287	867	1139
Sagebrusch	1137.83	91	3.99	43.89	3168	167.10	0.0255	915	1211
Lupine	1266.76	91	4.21	46.31	3527	1860.00	0.0229	962	1282
Bitterroot	1396.29	91	4.42	48.62	3887	205.10	0.0208	1002	1343
Trillium	1517.13	127	3.90	50.70	4224	222.80	0.0191	1039	1401
Bluebonnet	1776.31	127	4.22	54.86	4993	260.90	0.0165	1097	1497

**ALL ALUMINUM CONDUCTOR (AAC) - GOST 839**

Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
10	10.00	7	1.35	4.05	27	1.95	2.8631	60	71
16	15.90	7	1.70	5.10	43	3.02	1.8007	81	96
25	24.90	7	2.13	6.39	68	4.50	1.1498	104	124
35	34.30	7	2.50	7.50	94	5.91	0.8347	128	153
40	40.00	7	2.70	8.10	109	6.80	0.7157	139	166
50	49.50	7	3.00	9.00	135	8.20	0.5784	159	191
63	63.00	7	3.39	10.17	172	10.39	0.4544	182	220
70	69.30	7	3.55	10.65	189	11.29	0.4131	195	235
95	92.40	7	4.10	12.30	252	14.78	0.3114	228	277
100	100.00	19	2.59	12.95	275	17.00	0.2877	241	293
120	117.00	19	2.80	12.94	321	19.89	0.2459	259	315
125	125.00	19	2.89	14.45	344	21.25	0.2301	274	335

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmissivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - GOST 839**

Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires (No.)	Individual wire diameter (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
150	148.00	19	3.15	15.75	406	24.42	0.1944	301	370
160	160.00	19	3.27	16.35	440	26.40	0.1798	317	389
185	182.80	19	3.50	17.50	502	29.83	0.1574	341	420
200	200.00	19	3.66	18.30	550	32.00	0.1438	360	446
240	238.70	19	4.00	20.00	655	38.19	0.1205	398	493
250	250.00	19	4.09	20.47	687	40.00	0.1150	409	510
300	288.30	37	3.15	22.10	794	47.57	0.1000	443	553
315	315.00	37	3.29	23.05	868	51.97	0.0915	467	585
350	345.80	37	3.45	24.20	952	57.06	0.0833	491	616
400	389.20	37	3.66	25.60	1072	63.42	0.0740	525	663
450	449.10	37	3.90	27.30	1206	71.86	0.0642	567	718
500	500.40	37	4.15	29.10	1378	80.00	0.0576	603	768
550	544.00	61	3.37	30.30	1500	89.76	0.0529	631	805
560	560.00	37	4.39	30.73	1542	89.60	0.0531	633	808
600	586.80	61	3.50	31.50	1618	95.63	0.0491	657	841
630	630.00	61	3.63	32.64	1738	100.80	0.0458	683	878
650	641.70	61	3.66	32.90	1771	104.58	0.0450	688	884
700	691.70	61	3.80	34.20	1902	112.73	0.0417	717	926
710	710.00	61	3.85	34.65	1959	113.60	0.0406	726	938
750	747.40	61	3.95	35.60	2062	119.58	0.0386	748	967

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - AS 1531**

Code Name	Cross-sectional Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires (No.)	Individual wire diameter (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
	(mm <sup>2</sup> )			(mm)	(Kg/m)	KN	(Ω/Km)		
Leo	34.36	7	2.50	7.50	94	5.71	0.8330	127	151
Leonids	41.58	7	2.75	8.25	113	6.72	0.6890	143	172
Libra	49.48	7	3.00	9.00	135	7.98	0.5790	158	189
Mars	77.31	7	3.75	11.30	211	11.80	0.3700	207	251
Mercury	111.30	7	4.50	13.50	304	16.90	0.2580	255	310
Moon	124.04	7	4.75	14.30	339	18.90	0.2320	273	333
Neptune	157.62	19	3.25	16.30	433	24.70	0.1830	312	384
Orion	182.80	19	3.50	17.50	503	28.70	0.1570	342	423
Pluto	209.85	19	3.75	18.80	576	31.90	0.1370	369	457
Saturn	261.54	37	3.00	21.00	721	42.20	0.1100	420	524
Sirius	306.94	37	3.25	22.80	845	48.20	0.0940	459	574
Taurus	336.69	19	4.75	23.80	924	51.30	0.0857	485	608
Triton	408.65	37	3.75	26.30	1120	42.20	0.0706	539	680
Uranus	506.04	61	3.25	29.30	1400	48.20	0.0572	606	772
Ursula	586.89	61	3.50	31.50	1620	51.30	0.0493	656	839
Venus	673.73	61	3.75	33.80	1860	97.20	0.0429	707	911

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - IEC 61089**

Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires (No.)	Individual wire diameter (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
	(mm <sup>2</sup> )			(mm)	(Kg/m)	KN	(Ω/Km)		
10	10.02	7	1.35	4.05	27	1.95	2.8633	60	71
16	16.08	7	1.71	5.12	44	3.04	1.7896	82	96
25	24.94	7	2.13	6.40	68	4.50	1.1453	105	124
40	40.08	7	2.70	8.09	109	6.80	0.7158	140	168
63	63.18	7	3.39	10.20	172	10.39	0.4545	182	220
100	100.10	19	2.59	12.90	275	17.00	0.2877	240	293
125	124.64	19	2.89	14.50	344	21.25	0.2302	273	334
160	159.57	19	3.27	16.40	440	26.40	0.1798	318	390
200	199.90	19	3.66	18.30	550	32.00	0.1439	359	443
250	249.63	19	4.09	20.50	687	40.00	0.1151	409	509
315	314.55	37	3.29	23.00	868	51.97	0.0916	465	582
400	399.98	37	3.71	26.00	1102	64.00	0.0721	533	673
450	451.11	37	3.94	27.50	1240	72.00	0.0641	568	719
500	500.48	37	4.15	29.00	1378	80.00	0.0577	604	767
560	560.04	37	4.39	30.70	1543	89.60	0.0515	640	818
630	631.30	61	3.63	32.60	1738	100.80	0.0458	683	877
710	710.14	61	3.85	34.60	1959	113.60	0.0407	725	937
800	801.43	61	4.09	36.80	2207	128.00	0.0361	773	1004
900	898.25	61	4.33	39.00	2483	144.00	0.0321	819	1070
1000	1000.58	61	4.57	41.10	2759	160.00	0.0289	864	1135
1120	1120.79	91	3.96	43.50	3094	179.20	0.0258	910	1203
1250	1248.78	91	4.18	46.00	3453	200.00	0.0231	958	1276
1400	1402.62	91	4.43	48.70	3867	224.00	0.0207	1004	1346
1500	1499.21	91	4.58	50.40	4143	240.00	0.0193	1034	1394

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmissivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.





**ALL ALUMINUM CONDUCTOR (AAC) - EN 50182**

Code Word	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
24-AL1	24	7	2	6	66	4	1	104	124
34-AL1	34	7	3	8	94	6	1	127	151
49-AL1	50	7	3	9	135	8	1	160	192
66-AL1	66	19	2	11	181	12	0	187	226
93-AL1	94	19	3	13	256	16	0	231	281
117-AL1	117	19	3	14	322	20	0	263	321
147-AL1	147	37	2	16	406	26	0	301	370
182-AL1	182	37	3	18	501	32	0	339	418
243-AL1	243	61	2	20	671	44	0	402	499
299-AL1	299	61	3	23	829	52	0	452	564
400-AL1	400	61	3	26	1107	68	0	532	673
452-AL1	452	61	3	28	1249	75	0	568	720
500-AL1	500	61	3	29	1383	82	0	602	766
625-AL1	626	91	3	33	1740	106	0	677	870
800-AL1	802	91	3	37	2228	132	0	772	1002
1000-AL1	1000	91	4	41	2777	160	0	860	1129

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.



**ALL ALUMINUM CONDUCTOR (AAC) - ASTM B231**

Code Name	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
Jessamine	886	61	4	39	2442	132	0	816	1066
Coreopsis	805	61	4	37	2216	120	0	776	1008
Gladiolus	767	61	4	36	2108	114	0	758	983
Carnation	725	61	4	35	1997	108	0	736	951
Columbine	685	61	4	34	1884	104	0	716	922
Narcissus	645	61	4	33	1774	98	0	692	890
Hawthorn	604	61	4	32	1662	94	0	669	858
Marigold	564	61	3	31	1553	87	0	643	822
Bluebell	525	37	4	30	1441	79	0	620	791
Hawkweed	508	37	4	29	1395	76	0	608	774
Magnolia	484	37	4	29	1553	76	0	594	754
Goldenrod	484	61	3	29	1331	78	0	593	753
Cockscomb	456	37	4	28	1256	73	0	574	728
Arbutus	381	37	4	25	1109	62	0	519	653
Petunia	362	37	4	25	1046	59	0	505	636
Verbena	354	37	3	24	976	55	0	498	625
Heuchera	330	37	3	24	907	52	0	480	602
Orchid	322	37	3	23	887	50	0	472	591
Meadowsweet	303	37	3	23	836	48	0	457	572
Dahlia	282	19	4	22	776	43	0	438	546
Zinnia	253	19	4	21	697	39	0	413	514
Cosmos	241	19	4	20	665	37	0	400	497
Goldentuft	228	19	4	20	628	35	0	390	482
Canna	201	19	4	18	555	32	0	360	445
Daisy	135	7	5	15	372	21	0	287	351
Sneezewort	127	7	5	14	349	20	0	275	336
Oxlip	107	7	4	13	295	17	0	250	306
Phlox	85	7	4	12	234	14	0	217	263
Aster	67	7	4	11	186	11	0	191	230

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.

**ALL ALUMINUM CONDUCTOR (AAC) - CAN/CSA-C61089-11**

Code Word	Sectional Area	Stranding		Diameter of Complete Conductor	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/m)	KN	(Ω/Km)	(Ampere)	(Ampere)
10-A1-7	10	7	1	4	0	2	3	60	71
16-A1-7	16	7	2	5	0	3	2	81	96
25-A1-7	25	7	2	6	0	5	1	105	124
40-A1-7	40	7	3	8	0	7	1	140	168
63-A1-7	63	7	3	10	0	11	0	182	220
100-A1-19	100	19	3	13	0	18	0	241	293
125-A1-19	125	19	3	15	0	22	0	273	334
160-A1-19	160	19	3	16	0	27	0	317	390
200-A1-19	200	19	4	18	1	34	0	359	443
250-A1-19	250	19	4	21	1	41	0	409	509
315-A1-37	315	37	3	23	1	54	0	465	582
400-A1-37	400	37	4	26	1	68	0	534	673
450-A1-37	450	37	4	28	1	74	0	568	719
500-A1-37	500	37	4	29	1	83	0	603	767
560-A1-37	560	37	4	31	2	92	0	640	818
630-A1-61	630	61	4	33	2	107	0	682	877
710-A1-61	710	61	4	35	2	117	0	726	937
800-A1-61	800	61	4	37	2	132	0	774	1004
900-A1-61	900	61	4	39	2	149	0	819	1070
1000-A1-61	1000	61	5	41	3	165	0	864	1135
1120-A1-91	1120	91	4	44	3	185	0	910	1203
1250-A1-91	1250	91	4	46	3	206	0	958	1275
1400-A1-91	1400	91	4	49	4	231	0	1005	1347
1500-A1-91	1500	91	5	50	4	248	0	1036	1395

**NOTE :**

current capacity based on referenced conductor temperature, 0.56 m/s wind, 0 m Elevation, 0.45 Emmisivity, 0.80 absorptivity, 45°C ambient temperature, 1045 W/m<sup>2</sup> Solar radiation customized conductor sizes based on customer's requirements can also be designed.