



## ALL ALUMINIUM-ALLOY CONDUCTORS ( AAAC-AL3 ) IEC 61089

Code Number	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C
		No. of Aluminium Wires	Individual wire diameter				
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg/Km)	(KN)	(Ω/Km)
16	18.6	7	1.84	5.52	50.8	6.04	1.7896
25	29	7	2.30	6.9	79.5	9.44	1.1453
40	46.5	7	2.91	8.73	127.1	15.1	0.7158
63	73.2	7	3.65	10.95	200.2	23.06	0.4545
100	116	19	2.79	13.95	319.3	37.76	0.2877
125	145	19	3.12	15.6	399.2	47.2	0.2302
160	186	19	3.53	17.65	511.0	58.56	0.1798
200	232	19	3.95	19.75	638.7	73.2	0.1439
250	290	19	4.41	22.05	798.4	91.5	0.1151
315	366	37	3.55	24.85	1008.4	115.29	0.0916
400	465	37	4.00	28	1280.5	146.4	0.0721
450	523	37	4.24	29.68	1440.5	164.7	0.0641
500	581	37	4.47	31.29	1600.6	183	0.0577
560	651	61	3.69	33.21	1795.3	204.96	0.0516
630	732	61	3.91	35.19	2019.8	230.58	0.0458
710	825	61	4.15	37.35	2276.2	259.86	0.0407
800	930	61	4.40	39.6	2564.8	292.8	0.0361
900	1046	91	3.83	42.13	2888.3	329.4	0.0321
1000	1162	91	4.03	44.33	3209.3	366	0.0289
1120	1301	91	4.27	46.97	3594.4	409.92	0.0258

