










## TECHNICAL INFORMATION

Product - Code	Nominal Cross Sectional Area	Max. Conductor Resistance		Current Rating						Approx. Overall Diameter	Approx. Weight
		DC at 20 °C	AC at 70 °C	Laid in Ground			Laid in Free Air				
											
		mm <sup>2</sup>	Ω/km	Ω/km	A	A	A	A	A		
a - Copper Conductors											
CP1-T101-U08	4	4.6100	5.5100	42	40	32	37	33	29	7.0	86
CP1-T101-U09	6	3.0800	3.6800	52	50	40	48	42	38	7.9	115
CP1-T101-U10	10	1.8300	2.1700	70	67	52	66	58	51	8.9	165
CP1-T101-U11	16	1.1500	1.3700	90	85	65	80	75	65	9.9	231
CP1-T101-U12	25	0.7270	0.8600	115	110	85	105	95	90	11.6	343
CP1-T101-U13	35	0.5240	0.6300	135	130	105	130	125	110	12.7	445
CP1-T101-U14	50	0.3870	0.4600	160	155	125	160	150	135	14.6	600
CP1-T101-U15	70	0.2680	0.3200	200	190	155	200	190	170	16.3	805
CP1-T101-U16	95	0.1930	0.2300	235	225	185	250	240	210	18.7	1085
CP1-T101-U17	120	0.1530	0.1900	270	255	210	285	275	245	20.4	1350
CP1-T101-U18	150	0.1240	0.1500	300	285	235	330	320	280	22.6	1654
CP1-T101-U19	185	0.0991	0.1200	345	325	270	380	370	320	24.9	2030
CP1-T101-U20	240	0.0754	0.0920	400	375	310	480	460	385	28.3	2675
CP1-T101-U30	300	0.0601	0.0750	450	420	350	550	530	450	31.1	3280
CP1-T101-U40	400	0.0470	0.0590	515	475	390	630	615	520	35.3	4350
CP1-T101-U50	500	0.0366	0.0480	580	525	435	720	700	600	38.8	5355
CP1-T101-U60	630	0.0283	0.0390	660	590	495	830	810	680	42.7	6685
CP1-T101-U70	800	0.0221	0.0290	740	650	555	940	920	775	47.2	8600
CP1-T101-U80	1000	0.0176	0.0250	820	710	605	1030	1010	860	52.0	10500

The above data is approximate and subjected to manufacturing tolerance.

▶ cont'd

## TECHNICAL INFORMATION

Product - Code	Nominal Cross Sectional Area	Max. Conductor Resistance		Current Rating						Approx. Overall Diameter	Approx. Weight
		DC at 20 °C	AC at 70 °C	Laid in Ground			Laid in free air				
											
		mm <sup>2</sup>	Ω/km	Ω/km	A	A	A	A	A		
b - Aluminium Conductors											
AP1-T101-U11	16	1.9100	2.2900	65	63	50	65	60	45	9.9	132
AP1-T101-U12	25	1.2000	1.4400	85	83	65	85	80	65	11.6	185
AP1-T101-U13	35	0.8680	1.0400	105	102	80	105	100	85	12.7	250
AP1-T101-U14	50	0.6410	0.7700	125	120	95	125	120	105	14.6	295
AP1-T101-U15	70	0.4430	0.5330	155	145	120	165	155	125	16.3	375
AP1-T101-U16	95	0.3200	0.3850	185	175	135	205	195	160	18.7	500
AP1-T101-U17	120	0.2530	0.3050	210	200	165	235	225	185	20.4	605
AP1-T101-U18	150	0.2060	0.2480	235	225	180	265	255	210	22.6	725
AP1-T101-U19	185	0.1640	0.1980	265	255	205	310	300	245	24.8	900
AP1-T101-U20	240	0.1250	0.1510	310	295	240	365	355	290	28.3	1150
AP1-T101-U30	300	0.1000	0.1220	355	335	270	420	405	335	31.1	1420
AP1-T101-U40	400	0.0778	0.0954	410	380	310	500	480	390	35.3	1750
AP1-T101-U50	500	0.0605	0.0751	465	430	355	580	560	460	38.8	2220
AP1-T101-U60	630	0.0469	0.0595	535	490	405	680	660	535	42.7	2750
AP1-T101-U70	800	0.0367	0.0470	600	530	450	765	745	620	47.2	3450
AP1-T101-U80	1000	0.0291	0.0370	665	585	495	840	820	690	52.0	4230

The above data is approximate and subjected to manufacturing tolerance.