

METRIC				IMPERIAL					
Nominal Cross Sectional area	Number and Nom DIA of wires	Nominal DIA of conductor	Max Current capacity	Nominal Cross Sectional area	Number and Nom DIA of wires		Nominal Cross Sectional area	Nominal DIA of conductor	Max Current capacity
mm ²	mm	mm	Amps	mm ²	Inches	mm	Inches ²	mm	Amps
1	1/1.13	1.13	13	.97	1/.044	1/1.12	.0015	1.12	8
-	-	-	-	1.25	3/.029	3/.737	.0019	1.59	10
1.5	1/1.38	1.38	16	-	-	-	-	-	-
-	-	-	-	1.93	3/.036	3/.914	.003	1.97	15
2.5	7/0.67	2.01	23	-	-	-	-	-	-
-	-	-	-	2.93	7/.029	7/.737	.0045	2.21	20
4	7/0.85	2.55	31	-	-	-	-	-	-
-	-	-	-	4.52	7/.036	7/.914	.007	2.74	35
6	7/1.04	3.12	40	-	-	-	-	-	-
-	-	-	-	6.75	7/.044	7/1.12	.010	3.35	40
-	-	-	-	9.43	7/.052	7/1.32	.0146	3.96	50
10	7/1.35	4.05	54	-	-	-	-	-	-
-	-	-	-	14.28	7/.064	7/1.63	.0025	4.88	70
16	7/1.70	5.10	72	--	-	-	-	-	-
-	-	-	-	18.29	19/.044	19/1.12	.03	5.59	80
25	7/2.14	6.75	97	25.5	19/.052	19/1.32	.04	6.60	100
35	19/1.53	7.65	119	-	-	-	-	-	-
-	-	-	-	38.7	19/.064	19/1.63	.06	8.13	125
50	19/1.78	8.90	146	-	-	-	-	-	-
-	-	-	-	65.1	19/.083	19/2.11	.10	10.5	165
70	19/2.14	10.70	184	-	-	-	-	-	-
-	-	-	-	75.3	37/.064	37/1.63	.12	11.4	190
95	19/2.52	12.60	230	95.3	37/.072	37/1.83	.15	12.8	220
120	37/2.03	14.21	267	126.7	37/.083	37/2.11	.20	14.8	260
150	37/2.25	15.75	308	-	-	-	-	-	-
-	-	-	-	159.1	37/.093	37/2.36	.25	16.5	300
185	37/2.52	17.64	358	-	-	-	-	-	-
-	-	-	-	195.1	37/.103	37/2.62	.30	18.3	340
240	61/2.25	20.25	428	-	-	-	-	-	-

Metric cable current ratings – AS3008 table 4 & 7, column 8

Imperial Current ratings – SECV 1961 Wiring Regulations – Table B3 - Unenclosed R-60, R-PCP-60, V-60

NOTE: No derating factors have been applied and must be considered on both types of cables current ratings before finalising cable load capability.

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Nominal Cross Sectional area	Number and Nom DIA of wires	Nominal DIA of conductor	Max Current capacity	Nominal Cross Sectional area	Number and Nom DIA of wires		Nominal Cross Sectional area	Nominal DIA of conductor	Max Current capacity
mm ²	mm	mm	Amps	mm ²	Inches	mm	Inches ²	mm	Amps
-	-	-	-	262.2	61/.093	61/2.36	.40	21.3	400
300	61/2.52	22.68	495	-	-	-	-	-	-
-	-	-	-	321.6	61/.103	61/2.62	.50	23.5	460
-	-	-	-	391.1	91/.093	91/2.36	.60	26.0	590
400	61/2.85	25.65	577	-	-	-	-	-	-
-	-	-	-	479.7	91/.103	91/2.62	.75	28.8	590
500	61/3.20	28.80	668	-	-	-	-	-	-
630	127/2.52	32.76	770	-	-	-	-	-	-
-	-	-	-	669.4	127/.103	127/2.62	1.00	34.0	700
800	127/2.85	37.05		800.00	127/.112	127/2.84	1.24	36.92	
1000	127/3.20	41.60		1000.0	127/.125	127/3.18	1.50	41.34	

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