



CSA Type T90

75°C Wet, 90°C Dry, 600 Volts

Approvals

CSA T90; FT-1
THHN, THWN, & MTW approvals also applicable

Construction

Stranded or solid annealed bare copper conductor
Polyvinyl chloride (PVC) insulation
Nylon jacket

Voltage Rating

600 Volts

Application

Building Wire, appliances, lighting and machine-tool service

Cross Reference

UL Styles THHN, THWN, & MTW



Temperature Rating

Max 90°C in dry locations
Dry 70°C in wet locations

Sycor Part No	Size AWG	Stranding	Nominal Insulation		Nominal Jacket		Nominal O.D		Ampacity @ 90°C	Approx Weight	
			inches	mm	inches	mm	inches	mm		lbs/1000ft	kg/km
A1Q1401B	14	Solid	0.015	0.381	0.004	0.1016	0.102	2.5908	25	15	22
A1Q1419B	14	19	0.015	0.381	0.004	0.1016	0.109	2.7686	25	16	24
A1Q1201B	12	Solid	0.015	0.381	0.004	0.1016	0.119	3.0226	30	23	34
A1Q1219B	12	19	0.015	0.381	0.004	0.1016	0.128	3.2512	30	24	36
A1Q1001B	10	Solid	0.02	0.508	0.004	0.1016	0.15	3.81	40	38	57
A1Q1019B	10	19	0.02	0.508	0.004	0.1016	0.161	4.0894	40	39	58
A1Q0819B	8	19	0.03	0.762	0.005	0.127	0.213	5.4102	55	64	95
A1Q0619B	6	19	0.03	0.762	0.005	0.127	0.249	6.3246	75	96	143
A1Q0419B	4	19	0.04	1.016	0.006	0.1524	0.318	8.0772	95	154	229
A1Q0319B	3	19	0.04	1.016	0.006	0.1524	0.346	8.7884	115	191	284
A1Q0219B	2	19	0.04	1.016	0.006	0.1524	0.378	9.6012	130	236	351
A1Q0119B	1	19	0.05	1.27	0.007	0.1778	0.435	11.049	145	302	449
A1Q1/019B	1/0	19	0.05	1.27	0.007	0.1778	0.474	12.04	170	375	558
A1Q2/019B	2/0	19	0.05	1.27	0.007	0.1778	0.518	13.157	195	465	692
A1Q3/019B	3/0	19	0.05	1.27	0.007	0.1778	0.568	14.427	225	578	860
A1Q4/019B	4/0	19	0.05	1.27	0.007	0.1778	0.624	15.85	260	719	1070
A1Q25037B	250 MCM	37	0.06	1.524	0.008	0.2032	0.694	17.628	290	858	1277
A1Q30037B	300 MCM	37	0.06	1.524	0.008	0.2032	0.747	18.974	320	1020	1518
A1Q35037B	350 MCM	37	0.06	1.524	0.008	0.2032	0.797	20.244	350	1182	1759
A1Q40037B	400 MCM	37	0.06	1.524	0.008	0.2032	0.842	21.387	380	1252	1863
A1Q50037B	500 MCM	37	0.06	1.524	0.008	0.2032	0.926	23.52	430	1662	2473
A1Q60061B	600 MCM	61	0.07	1.778	0.009	0.2286	1.024	26.01	475	2005	2984
A1Q75061B	750 MCM	61	0.07	1.778	0.009	0.2286	1.126	28.6	535	2513	3740
A1Q100061B	1000 MCM	61	0.07	1.778	0.009	0.2286	1.275	32.385	615	3420	5090

Colour

Stock colors 0-9.
Custom color striped combinations available upon request.

Colour codes



Value Added Services



Cutting



Striping



Re-Spooling



Terminating



Bonding



Twisting

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