



# MIL-W-76B LW, MW, HW

80°C, LW-300 Volts, MW-1000 Volts, HW-2500 Volts

### Description

General purpose aerospace and commercial hook-up wire

### Construction

Stranded or solid tin plated copper conductors  
Polyvinyl Chloride (PVC) Insulation

### Voltage Rating

LW: 300 Volts  
MW: 1000 Volts  
HW: 2500 Volts



### Approvals

MIL-W-76B

### Temperature Rating

-55°C to 90°C

### Application

Internal wiring of appliances and equipment



### Light Wall

Alternative product: Mil-W-16878/1 Type B, CSA SR PVC, UL 1061

Sycor Part No	Size AWG	Stranding	Insulation Thickness	Nominal O.D.	Approx Weight Lbs./Mft.
A0X2807T	28	7/36	.010	.035	1.08
A0X2607T	26	7/34	.010	.039	1.46
A0X2407T	24	7/32	.010	.044	2.18
A0X2207T	22	7/30	.010	.050	3.29
A0X2007T	20	7/28	.010	.058	4.05

### Medium Wall

Alternative product: Mil-W-16878/2 Type C, CSA TR64, UL 1007

Sycor Part No	Size AWG	Stranding	Insulation Thickness	Nominal O.D.	Approx Weight Lbs./Mft.
A1R2407T	24	7/32	.016	.058	2.77
A1R2401T	24	Solid	.016	.054	2.77
A1R2207T	22	7/30	.016	.064	4.80
A1R2201T	22	Solid	.016	.059	4.80
A1R2010T	20	10/30	.016	.070	4.80
A1R2001T	20	Solid	.016	.066	4.80
A1R1816T	18	16/30	.016	.080	7.54
A1R1801T	18	Solid	.016	.074	7.54
A1R1626T	16	26/30	.016	.092	9.86
A1R1601T	16	Solid	.016	.083	9.86
A1R1441T	14	41/30	.016	.106	14.66
A1R1265T	12	65/30	.016	.127	22.51

### Heavy Wall

Alternative product: Mil-W-16878/3 Type D, CSA REW, UL1431

Sycor Part No	Size AWG	Stranding	Insulation Thickness	Nominal O.D.	Approx Weight Lbs./Mft.
A2E2207T	22	7/30	.032	.094	5.91
A2E2010T	20	10/30	.032	.102	7.63
A2E1816T	18	16/30	.032	.112	10.29
A2E1626T	16	26/30	.032	.124	12.87
A2E1441T	14	41/30	.045	.155	22.10
A2E1265T	12	65/30	.045	.187	32.08
A2E10105T	10	105/30	.045	.215	43.54
A2E08133T	8	133/29	.045	.263	74.74
A2E06133T	6	133/27	.045	.306	101.25



### Color

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

### Color codes



### Value Added Services



Cutting



Striping



Re-Spooling



Terminating



Printing



Dyeing

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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