



# MIL-DTL-16878/14 Type L NEMA HP-5-L, 600V Irradiated XLPE

## Description

XLPE insulated hook-up wire for aerospace, military, industrial or commercial applications

## Approvals

Mil-DTL-16878/14  
SAE/NEMA HP-5 Type LL

## Conductors

Stranded tinned copper conductors  
Cross-linked Polyethylene (XLPE) insulation  
(or cross-linked Polyolefin (XPLO) insulation)

## Temperature

125°C

## Voltage Rating:

600 Volts

## Application:

Internal wiring of electric and electronic equipment with requirements for: both moderate high and low temperatures, moderate dielectric constant, good flexibility/flex life, resistance to solder iron damage for easier solder termination.



## Alternative Product

CSA AWM, UL3265 125°C, 300V



Sycor Part No	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx Weight Lbs./Mft.	
			inches	mm	inches	mm	Lbs/1000ft	kg/km
A0T2607T	26	7/34	0.011	0.3	0.041	1.0	2	3
A0T2407T	24	7/32	0.011	0.3	0.047	1.2	2	3
A0T2419T	24	19/36	0.011	0.3	0.047	1.2	2	3
A0T2207T	22	7/30	0.011	0.3	0.053	1.3	3	5
A0T2219T	22	19/34	0.011	0.3	0.053	1.3	3	5
A0T2019T	20	19/32	0.011	0.3	0.061	1.5	5	7
A0T1819T	18	19/30	0.011	0.3	0.071	1.8	7	10
A0T1619T	16	19/29	0.011	0.3	0.081	2.1	10	14
A0T1419T	14	19/27	0.011	0.3	0.096	2.4	15	22

*Additional strandings and gauges available upon request.*

## Color

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

## Color codes



## Value Added Services



Cutting



Stripping



Re-Spooling



Terminating



Twisting

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

[www.sycor.com](http://www.sycor.com) 1-800-268-9444 [sales@sycor.com](mailto:sales@sycor.com)

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