



MIL- W-16878/4, Type E – NEMA HP3, PTFE

200°C, 600 Volts

Description

PTFE insulated high temperature hook-up wire for aerospace, military, industrial or commercial applications

Approvals

MIL-W-16878/4, Type E
SAE/NEMA HP-3

Construction

Stranded or solid silver plated copper conductor
Extruded Teflon® (Polytetrafluoroethylene) (PTFE) insulation

Temperature/Voltage Rating

-65°C to 200°C

Voltage Rating:

600 Volts

Application:

Internal wiring of electric and electronic equipment with requirements for: both high and low temperatures, low dielectric constant, good flexibility/flex life, resistance to chemicals.

Alternative Product

CSA AWM, UL1213 105°C 150V



Sycor Part No	AWG	Stranding	Nominal Insulation		Nominal O.D.	Approx Weight Lbs/1000ft
			inches	mm	inches	
A0Q3207S	32	7/40	0.01	0.3	0.030	0.77
A0Q3001S	30	Solid	0.01	0.3	0.030	0.90
A0Q3007S	30	7/38	0.01	0.3	0.032	1
A0Q2801S	28	Solid	0.01	0.3	0.033	1.12
A0Q2807S	28	7/36	0.01	0.3	0.035	1.22
A0Q2601S	26	Solid	0.01	0.3	0.036	1.55
A0Q2619S	26	19/38	0.01	0.3	0.039	1.73
A0Q2607S	26	7/34	0.01	0.3	0.039	1.73
A0Q2401S	24	Solid	0.01	0.3	0.040	2.12
A0Q2419S	24	19/36	0.01	0.3	0.044	2.35
A0Q2407S	24	7/32	0.01	0.3	0.044	2.35
A0Q2201S	22	Solid	0.01	0.3	0.045	2.92
A0Q2219S	22	19/34	0.01	0.3	0.050	3.33
A0Q2207S	22	7/30	0.01	0.3	0.050	3.33
A0Q2001S	20	Solid	0.01	0.3	0.052	4.18
A0Q2019S	20	19/32	0.01	0.3	0.058	4.97
A0Q2007S	20	7/28	0.01	0.3	0.058	4.97
A0Q1819S	18	19/30	0.01	0.3	0.072	7.70
A0Q1807S	18	7/26	0.01	0.3	0.070	7.70
A0Q1619S	16	19/29	0.01	0.3	0.077	7.70
A0Q1419S	14	19/27	0.01	0.3	0.095	15
A0Q1219S	12	19/25	0.01	0.3	0.114	23
A0Q1037S	10	37/26	0.01	0.3	0.134	35

Additional strandings and gauges available upon request.

May be available with Nickel plated conductors under M16878/25 rated to 260°C.

Color

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

Color codes



Value Added Services



Cutting



Stripping



Re-Spooling



Terminating



Twisting