



# MIL-W-16878/12 Type KK NEMA HP-4-KK

## 1000V, FEP

### Description

FEP insulated high-temperature hook-up wire.

### Approvals

Mil-W-16878/12, Type KK  
SAE/NEMA HP-4

### Construction

Tinned copper conductor  
Teflon® (Fluorinated ethylene propylene) (FEP) insulation

### Temperature Rating

-65 °C to 150 °C

### Voltage Rating

1000V

### Available Construction Include

Polytetrafluoroethylene (PTFE) insulation  
Sodium naphthalene etched insulation

### 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.



Sycor Part No	AWG	Strand	Nominal Insulation		Nominal O.D. (in)		Approx Weight	
			inches	mm	inches	mm	lbs/1000ft	kg/km
A1J3207T	32	7/40	0.015	0.4	0.035	0.9	1	2
A1J3001T	30	Solid	0.015	0.4	0.040	1.0	1	2
A1J3007T	30	7/38	0.015	0.4	0.042	1.1	2	3
A1J2801T	28	Solid	0.015	0.4	0.043	1.1	2	3
A1J2807T	28	7/36	0.015	0.4	0.045	1.1	2	3
A1J2819T	28	19/40	0.015	0.4	0.045	1.1	2	3
A1J2601T	26	Solid	0.015	0.4	0.046	1.2	2	3
A1J2607T	26	7/37	0.015	0.4	0.049	1.2	2	3
A1J2619T	26	19/38	0.015	0.4	0.049	1.2	2	3
A1J2401T	24	Solid	0.015	0.4	0.050	1.3	3	5
A1J2407T	24	7/32	0.015	0.4	0.054	1.4	3	5
A1J2419T	24	19/36	0.015	0.4	0.054	1.4	3	5
A1J2201T	22	Solid	0.015	0.4	0.055	1.4	4	6
A1J2207T	22	7/30	0.015	0.4	0.060	1.5	4	6
A1J2219T	22	19/34	0.015	0.4	0.060	1.5	4	6
A1J2001T	20	Solid	0.015	0.4	0.062	1.6	5	8
A1J2007T	20	7/28	0.015	0.4	0.068	1.7	6	9
A1J2019T	20	19/32	0.015	0.4	0.069	1.8	6	9
A1J1807T	18	7/26	0.016	0.4	0.079	2.0	8	12
A1J1819T	18	19/30	0.016	0.4	0.079	2.0	9	13
A1J1619T	16	19/29	0.018	0.5	0.089	2.3	11	17
A1J1419T	14	19/27	0.019	0.5	0.106	2.7	16	24
A1J1219T	12	19/25	0.020	0.5	0.125	3.2	25	37
A1J1037T	10	37/26	0.018	0.5	0.145	3.7	36	54
A1J08133T	8	133/29	0.024	0.6	0.209	5.3	63	94
A1J06133T	6	133/27	0.046	1.2	0.301	7.6	113	168
A1J04133T	4	133/25	0.046	1.2	0.369	9.4	175	260
A1J02665T	2	665/30	0.033	0.8	0.415	10.5	268	399

### Color

Stock colors 0-9.

### Color codes



\*Silver and nickel plated options available. rated to 200°C.

### Value Added Services



Cutting



Re-Spooling



Terminating

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

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