



**MILITARY SPEC. HOOKUP WIRE**

**MIL-W-16878/5, TYPE EE**  
**200C, 1000 Volts**

**DESCRIPTION:**

For use in internal wiring of electronic equipment and appliances. TFE lead wires can also be referred to as NEMA HP-3 lead wire. This wire is self extinguishing, non-flammable and has excellent chemical resistance and is suitable for immersion in gasoline, gasoline vapor and at 80C in oils. Weathering, ozone, or corrosive environments do not affect the insulation.

**APPROVALS:**

M16878/5, Type EE & NEMA HP-3.

**CONDUCTOR:**

Solid or Stranded Silver Plated Copper

**INSULATION:**

Extruded PTFE Teflon (Polytetrafluoroethylene)

**TEMPERATURE:**

-65C to +200C

**VOLTAGE RATING:**

1000 Volts

**COLOUR CODE:**

1-Brown, 2-Red, 3-Orange, 4-Yellow  
 5-Green, 6-Blue, 7-Violet, 8-Gray  
 0-Black

Part Number	Gauge	Stranding	Insulation Thickness	Nominal O.D	Part Number	Gauge	Stranding	Insulation Thickness	Nominal O.D
<a href="#">A0Y3001S</a>	30	Solid	0.015"	0.040"	<a href="#">A0Y2219S</a>	22	19 Strand	0.015"	0.061"
<a href="#">A0Y3007S</a>	30	7 Strand	0.015"	0.042"	<a href="#">A0Y2001S</a>	20	Solid	0.015"	0.062"
<a href="#">A0Y2801S</a>	28	Solid	0.015"	0.043"	<a href="#">A0Y2007S</a>	20	7 Strand	0.015"	0.068"
<a href="#">A0Y2807S</a>	28	7 Strand	0.015"	0.045"	<a href="#">A0Y2019S</a>	20	19 Strand	0.015"	0.068"
<a href="#">A0Y2819S</a>	28	19 Strand	0.015"	0.045"	<a href="#">A0Y1801S</a>	18	Solid	0.015"	0.071"
<a href="#">A0Y2601S</a>	26	Solid	0.015"	0.046"	<a href="#">A0Y1807S</a>	18	7 Strand	0.015"	0.079"
<a href="#">A0Y2607S</a>	26	7 Strand	0.015"	0.049"	<a href="#">A0Y1819S</a>	18	19 Strand	0.015"	0.079"
<a href="#">A0Y2619S</a>	26	19 Strand	0.015"	0.049"	<a href="#">A0Y1619S</a>	16	19 Strand	0.018"	0.089"
<a href="#">A0Y2401S</a>	24	Solid	0.015"	0.050"	<a href="#">A0Y1419S</a>	14	19 Strand	0.018"	0.106"
<a href="#">A0Y2407S</a>	24	7 Strand	0.015"	0.054"	<a href="#">A0Y1219S</a>	12	19 Strand	0.021"	0.125"
<a href="#">A0Y2419S</a>	24	19 Strand	0.015"	0.055"	<a href="#">A0Y1037S</a>	10	37 Strand	0.019"	0.145"
<a href="#">A0Y2201S</a>	22	Solid	0.015"	0.055"	<a href="#">A0Y08133S</a>	8	133 Strand	0.024"	0.209"
<a href="#">A0Y2207S</a>	22	7 Strand	0.015"	0.060"					

Striped colour combinations are available upon request. Value added services include custom cut lengths, twisting and custom re-spooling.