

## HOOK-UP WIRE

### MIL-W-16878/3

### TYPE D - UNCOVERED PVC


**DESCRIPTION:**

Stranded tinned copper, color coded.  
PVC insulation.

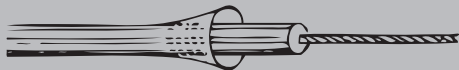
**CHARACTERISTICS:**

Temperature rating — 55°C to +105°C.  
Voltage rating 3000 Volts. Resistant to acids, alkalis,  
oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
230	D-24	24	7/32	.029"	.082"
231	D-22	22	7/30	.029"	.088"
232	D-20	20	7/28	.029"	.096"
233	D-18	18	7/26	.029"	.106"
234	D-16	16	19/29	.029"	.115"
235	D-14	14	19/27	.029"	.129"
236	D-12	12	19/25	.034"	.158"
237	D-10	10	37/26	.037"	.185"
238	D-8	8	133/29	.040"	.247"
239	D-6	6	133/27	.040"	.290"

### MIL-W-16878/19

### TYPE D - NYLON JACKET


**DESCRIPTION:**

Stranded tinned copper, color coded.  
.010" PVC insulation, clear nylon  
(polyamide) jacket overall.

**CHARACTERISTICS:**

Temperature rating — 55°C to +115°C.  
Voltage rating 3000 Volts. Resistant to acids, alkalis,  
oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.
240	D-24	24	7/32	.029"	.004"	.090"
241	D-22	22	7/30	.029"	.004"	.096"
242	D-20	20	7/28	.029"	.004"	.104"
243	D-18	18	7/26	.029"	.004"	.114"
261	D-18	18	19/30	.029"	.004"	.115"
244	D-16	16	19/29	.029"	.005"	.125"
245	D-14	14	19/27	.029"	.005"	.139"
246	D-12	12	19/25	.034"	.005"	.168"
247	D-10	10	37/26	.037"	.006"	.197"
248	D-8	8	133/29	.040"	.009"	.265"
249	D-6	6	133/27	.040"	.010"	.310"

### MIL-W-16878/4 UL1213

### NEMA HP3 PTFE TYPE E - EXTRUDED


**DESCRIPTION:**

Single conductor stranded silver plated copper  
extruded PTFE insulation.

**CHARACTERISTICS:**

Temperature rating -65°C to +200°C.  
Voltage rating 600 Volts. Resistant to acids, alkalis,  
oil, flame, moisture, solvents, and fungus.

UL Rated 105°C, not Voltage Rated

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
300	E-32	32	7/40	.010"	.029"
301	E-30	30	7/38	.010"	.032"
302	E-28	28	7/36	.010"	.036"
303	E-26	26	7/34	.010"	.040"
304	E-26	26	19/38	.010"	.041"
305	E-24	24	19/36	.010"	.045"
306	E-24	24	7/32	.010"	.044"
307	E-22	22	19/34	.010"	.051"
308	E-22	22	7/30	.010"	.050"
309	E-20	20	19/32	.010"	.059"
310	E-20	20	7/28	.010"	.058"
311	E-18	18	19/30	.010"	.070"
312	E-16	16	19/29	.010"	.077"
†313	E-14	14	19/27	.012"	.094"
†314	E-12	12	19/25	.012"	.113"
†315	E-10	10	37/26	.012"	.134"

† Not UL recognized