

## HOOK-UP WIRE

### MIL-W-16878/3

### TYPE D - UNCOVERED PVC


**DESCRIPTION:**

Stranded tinned copper, color coded.  
polyvinylchloride 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" polyvinylchloride 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

### TEFLON TYPE E - EXTRUDED


**DESCRIPTION:**

Single conductor stranded silver plated copper  
extruded TFE Teflon 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

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"

\* UL1213 only supplied if specified when ordering.

† Not UL recognized