



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