

Military/Aerospace Wire & Cable


NEMA HP-3 TYPES E, EE, ET Replaces M16878/4, /5, /6, /23, /25, /27

Construction: **Conductors:** Stranded or solid silver or nickel plated copper; **Insulation:** Extruded Polytetrafluoroethylene (PTFE)

Technical Data:

 **Temperature:** SPC 200°C
NPC 260°C

 **Color Code:** Replace the X
0-Black, 1-Brown, 2-Red,
3-Orange, 4-Yellow, 5-Green,
6-Blue, 7-Violet, 8-Gray, 9-White,
54-Green/Yellow

 **Approvals:**
NEMA HP-3 has no requirement for the
wire to be printed.

	Type E		Type EE		Type ET		DC Resistance
Voltage Rating	600		1000		250		
AWG/Stranding	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Ohms/mft
30 1/30	10/.030"	1	15/.040"	1	6/.022"	1	106.0
30 7/38	10/.032"	1	15/.042"	1	6/.024"	1	100.0
28 1/28	10/.033"	2	15/.043"	2	6/.025"	1	66.7
28 7/36	10/.035"	2	15/.045"	2	6/.027"	1	63.6
28 19/40	10/.035"	2	15/.045"	2	6/.027"	1	63.1
26 1/26	10/.036"	2	15/.046"	2	6/.028"	2	41.9
26 7/34	10/.039"	2	15/.049"	2	6/.031"	2	39.7
26 19/38	10/.039"	2	15/.049"	2	6/.031"	2	37.3
24 1/24	10/.040"	3	15/.050"	3	6/.032"	3	26.2
24 7/32	10/.044"	3	15/.054"	3	6/.036"	3	24.5
24 19/36	10/.045"	3	15/.055"	3	6/.036"	3	23.6
22 1/22	10/.045"	4	15/.055"	4	6/.038"	3	16.5
22 7/30	10/.050"	4	15/.060"	4	6/.042"	3	15.6
22 19/34	10/.051"	4	15/.061"	5	6/.042"	4	14.8
20 1/20	10/.052"	5	15/.062"	6	6/.044"	5	10.3
20 7/28	10/.058"	5	15/.068"	6	6/.050"	5	9.8
20 19/32	10/.058"	6	15/.068"	7	6/.050"	5	9.1
18 7/26	10/.069"	8	15/.079"	9	-	-	6.2
18 19/30	10/.069"	8	15/.079"	9	-	-	5.8
16 19/29	13/.080"	10	18/.089"	11	-	-	4.5
14 19/27	13/.095"	15	18/.106"	17	-	-	2.9
12 19/25	15/.114"	23	21/.125"	24	-	-	1.8
10 37/26	13/.134"	35	19/.145"	35	-	-	1.2
8 133/29	-	-	24/.209"	68	-	-	0.7
6 133/27	-	-	28/.263"	107	-	-	-

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