

**ITEM: ET**

**MIL-W-16878/6 (M16878/6) TYPE ET 250 Volts  
 NEMA HP3 Type ET  
 UL 1371  
 MIL Spec Wire  
 Passes UL VW-1 Flame Test  
 RoHS Compliant**

**Description:** Conductor: Silver Plated Copper, Stranded or Solid  
 Insulation: Extruded PTFE Insulation, 0.006" Nominal Wall

**Temperature Rating:** -60°C to +200°C (UL 1371: to +105°C)

**Voltage Rating:** 250 Volts (UL 1371: Not Specified)

Applications: Intended for use in high temperature electronic applications. Has excellent thermal aging, solder damage, flame, and moisture resistance. Easy to install due to their small size and slippery surface. Resists solvents, grease, ozone and most chemicals and has excellent, stable electrical characteristics with low power loss, making it ideal for high frequency applications.

Standard Color Code		
0	-	BLACK
1	-	BROWN
2	-	RED
3	-	ORANGE
4	-	YELLOW
5	-	GREEN
6	-	BLUE
7	-	VIOLET
8	-	GREY
9	-	WHITE
P	-	PINK
T	-	TAN

Substitute "X" in the Part Number for the desired color from the color code chart. For stripes add up to three color designations. Example: -092 would be Black with a White and a Red Stripe.

Part Number	AWG Size	Stranding	Nominal OD (in)	Mil-Spec P/N	NEMA HP3 P/N	Approx LBS/1,000 FT.
ET32740X	32	7x40	0.021	M16878/6-BAB-X	HP3-ETXBAB-X	0.5
ET30130X	30	Solid	0.022	M16878/6-BBA-X	HP3-ETXBBA-X	0.62
ET30728X	30	7x38	0.024	M16878/6-BBB-X	HP3-ETXBBB-X	0.7
ET28128X	28	Solid	0.025	M16878/6-BCA-X	HP3-ETXBCA-X	0.83
ET28736X	28	7x36	0.027	M16878/6-BCB-X	HP3-ETXBCB-X	0.96
ET281940X	28	19x40	0.027	M16878/6-BCE-X	HP3-ETXBCE-X	0.96
ET26126X	26	Solid	0.028	M16878/6-BDA-X	HP3-ETXBDA-X	1.16
ET261938X	26	19x38	0.031	M16878/6-BDE-X	HP3-ETXBDE-X	1.36
ET26734X	26	7x34	0.031	M16878/6-BDB-X	HP3-ETXBDB-X	1.31
ET24124X	24	Solid	0.032	M16878/6-BEA-X	HP3-ETXBEA-X	1.93
ET24732X	24	7x32	0.036	M16878/6-BEB-X	HP3-ETXBEB-X	1.93
ET241936X	24	19x36	0.036	M16878/6-BEE-X	HP3-ETXBEE-X	1.97
ET22730X	22	7x30	0.042	M16878/6-BFB-X	HP3-ETXBFB-X	2.89
ET221934X	22	19x34	0.042	M16878/6-BFE-X	HP3-ETXBFE-X	3.98
ET20728X	20	7x28	0.046	M16878/6-BGB-X	HP3-ETXBGB-X	4.28
ET201932X	20	19x32	0.046	M16878/6-BGE-X	HP3-ETXBGE-X	4.56

REVISIONS	REV	DATE	BY	DESCRIPTION
	-	1/7/2009		NEW RELEASE
	A	6/12/2015		UPDATED MIL AND NEMA NUMBERS

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