



### Nema HP3 Type ET Hook Up Wire 250 Volts

Replaces MIL-W-16878/6 MIL-W-16878/20  
MIL-W-16878/23 and MIL-W-16878/24

#### PRODUCT DESCRIPTION

Electrical and Electronic PTFE Insulated High Temperature Hook Up wire.

Type ET is rated at 250 Volts

#### PRODUCT CHARACTERISTICS

##### Conductor:

Solid or stranded annealed copper either silver or nickel plated.

##### Insulation:

Extruded PTFE

##### Temperature Rating:

-65°C to 200°C using silver plated conductors.

-65°C to 260°C using Nickel plated conductors.

##### Colours:

Standard range of solid colours as listed in NEMA HP 3.

Striping is also available on request.

These cables meet the requirements of the RoHS directive.

#### Standard Sizes Available

Conductor				Cable Diameter			Resistance	Weight
Size	Strand	Area	Diameter	Min	Nom	Max	Nom	Nom
AWG		mm <sup>2</sup>	mm	mm	mm	mm	Ω/km	kg/km
32	19/44	0.04	0.24	0.51	0.56	0.61	469	0.80
32	7/40	0.04	0.24	0.51	0.56	0.61	494	0.78
32	1/32	0.03	0.20	0.41	0.48	0.56	549	0.63
30	19/42	0.06	0.30	0.56	0.61	0.66	296	1.05
30	7/38	0.06	0.30	0.56	0.61	0.66	317	1.00
30	1/30	0.05	0.25	0.51	0.56	0.61	340	0.90
28	19/40	0.10	0.37	0.64	0.69	0.74	184	1.45
28	7/36	0.09	0.38	0.64	0.69	0.74	196	1.38
28	1/28	0.08	0.32	0.58	0.64	0.69	215	1.27
26	19/38	0.15	0.48	0.74	0.80	0.86	118	2.10
26	7/34	0.14	0.48	0.74	0.79	0.84	124	1.97
26	1/26	0.13	0.40	0.66	0.71	0.76	138	1.77
24	19/36	0.24	0.64	0.86	0.93	0.99	73	3.24
24	7/32	0.22	0.61	0.86	0.91	0.97	80	2.84
24	1/24	0.20	0.51	0.76	0.81	0.86	85	2.55
22	19/34	0.38	0.75	1.02	1.09	1.17	46	4.56
22	7/30	0.36	0.76	1.02	1.07	1.12	49	4.19
22	1/22	0.33	0.64	0.89	0.95	1.02	54	3.80
20	19/32	0.61	0.96	1.22	1.27	1.32	30	6.71
20	7/28	0.57	0.96	1.22	1.27	1.32	31	6.32
20	1/20	0.52	0.81	1.07	1.12	1.17	34	5.69

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.