



Standard Sizes Available

Size AWG	Conductor			Cable Diameter			Resistance	Weight
	Strand	Area mm ²	Diameter mm	Min mm	Nom mm	Max mm	Nom Ω/km	Nom kg/km
32	19/44	0.04	0.24	0.66	0.76	0.86	469	1.29
32	7/40	0.04	0.24	0.66	0.76	0.86	494	1.27
32	1/32	0.03	0.20	0.64	0.74	0.84	549	1.20
30	19/42	0.06	0.30	0.71	0.81	0.91	296	1.57
30	7/38	0.06	0.30	0.71	0.81	0.91	317	1.53
30	1/30	0.05	0.25	0.66	0.76	0.86	340	1.39
28	19/40	0.10	0.37	0.79	0.89	0.99	184	2.03
28	7/36	0.09	0.38	0.79	0.89	0.99	196	1.96
28	1/28	0.08	0.32	0.74	0.84	0.94	215	1.81
26	19/38	0.15	0.48	0.89	1.00	1.12	118	2.76
26	7/34	0.14	0.48	0.89	0.99	1.09	124	2.62
26	1/26	0.13	0.40	0.81	0.91	1.02	138	2.37
24	19/36	0.24	0.64	1.02	1.13	1.24	73	3.99
24	7/32	0.22	0.61	1.02	1.12	1.22	80	3.59
24	1/24	0.20	0.51	0.91	1.02	1.12	85	3.23
22	19/34	0.38	0.75	1.17	1.30	1.42	46	5.44
22	7/30	0.36	0.76	1.17	1.27	1.37	49	5.06
22	1/22	0.33	0.64	1.04	1.14	1.24	54	4.53
20	19/32	0.61	0.96	1.37	1.47	1.57	30	7.72
20	7/28	0.57	0.96	1.37	1.47	1.57	31	7.33
20	1/20	0.52	0.81	1.22	1.32	1.42	34	6.59
18	19/30	0.97	1.19	1.63	1.75	1.88	19	11.63
18	7/26	0.90	1.21	1.63	1.75	1.88	20	10.96
18	1/18	0.82	1.02	1.42	1.55	1.68	21	9.80
16	19/29	1.31	1.35	1.85	2.03	2.21	14	15.09
16	1/16	1.31	1.43	1.70	1.88	2.06	14	15.08
14	19/27	2.08	1.81	2.24	2.41	2.59	9	22.68
12	19/25	3.31	2.27	2.72	2.90	3.07	6	34.48
12	37/28	3.31	2.30	2.67	2.84	3.02	6	32.82
10	37/26	5.26	2.90	3.23	3.40	3.58	4	49.91

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.

Nema HP3 Type E Hook Up Wire 600 Volts

Replaces MIL-W-16878/4 MIL-W-16878/21
MIL-W-16878/25 and MIL-W-16878/26

PRODUCT DESCRIPTION

Electrical and Electronic PTFE Insulated High Temperature Hook Up wire.

Type E is rated at 600 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.

Additional Approvals:

UL1213

The cables listed meet the requirements of UL1213 105°C. (Note: size 10 awg is not UL recognised).

These cables meet the requirements of the RoHS directive.