

PTFE - NEMA HP-3-E (MIL-W-16878/4, Type E)

Teflon® Military Hook-up Wire

-55°C to 200°C, 600V



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
			in	mm	in	mm	lbs/1k ft	kg/km
M16878/4-REF	36	7/44	0.010	0.3	0.030	0.8	1	1
M16878/4-REF	34	7/42	0.010	0.3	0.032	0.8	1	1
M16878/4-BAA		Solid	0.010	0.3	0.033	0.8	1	1
M16878/4-BAB	32	7/40	0.010	0.3	0.034	0.9	1	1
M16878/4-REF		19/14	0.010	0.3	0.034	0.9	1	1
M16878/4-BBA		Solid	0.010	0.3	0.034	0.9	1	1
M16878/4-BBB	30	7/38	0.010	0.3	0.036	0.9	1	1
M16878/4-REF		19/42	0.010	0.3	0.036	0.9	1	1
M16878/4-BCA		Solid	0.010	0.3	0.037	0.9	1	1
M16878/4-BCB	28	7/36	0.010	0.3	0.039	1.0	1	1
M16878/4-BCE		19/40	0.010	0.3	0.036	0.9	1	1
M16878/4-BDA		Solid	0.010	0.3	0.040	1.0	2	3
M16878/4-BDB	26	7/34	0.010	0.3	0.043	1.1	2	3
M16878/4-BDE		19/38	0.010	0.3	0.043	1.1	2	3
M16878/4-BEA		Solid	0.010	0.3	0.044	1.1	2	3
M16878/4-BEB	24	7/32	0.010	0.3	0.048	1.2	2	3
M16878/4-BEE		19/36	0.010	0.3	0.048	1.2	2	3
M16878/4-BFA		Solid	0.010	0.3	0.049	1.2	3	4
M16878/4-BFB	22	7/30	0.010	0.3	0.054	1.4	3	4
M16878/4-BFE		19/34	0.010	0.3	0.054	1.4	3	4
M16878/4-BGA		Solid	0.010	0.3	0.056	1.4	4	6
M16878/4-BGB	20	7/28	0.010	0.3	0.062	1.6	5	7
M16878/4-BGE		19/32	0.010	0.3	0.062	1.6	5	7
M16878/4-BHA		Solid	0.010	0.3	0.066	1.7	7	10
M16878/4-BHB	18	7/26	0.010	0.3	0.074	1.9	8	12
M16878/4-BHE		19/30	0.010	0.3	0.074	1.9	8	12
M16878/4-BJA		Solid	0.010	0.3	0.080	2.0	10	15
M16878/4-BJE	16	19/29	0.010	0.3	0.087	2.2	10	15
M16878/4-BKE	14	19/27	0.010	0.3	0.102	2.6	15	22
M16878/4-BLE	12	19/25	0.010	0.3	0.121	3.1	23	34
M16878/4-BMG	10	37/26	0.010	0.3	0.141	3.6	35	52

Teflon is a registered trademark of DuPont Corporation

Notes

- Soft-annealed, silver-plated copper conductor
- Polytetrafluoroethylene (PTFE) insulation
- A variety of insulation colors available

Alternative Constructions

- Soft-annealed, nickel-plated copper conductor rated up to 260°C
- Sodium naphthalene etched insulation

Available Certifications

UL: 1213

Applications

For use in aerospace & military and electronic applications. Rated for continuous use from -55°C up to 200°C.

PTFE - NEMA HP-3-EE (MIL-W-16878/5, Type EE)

Teflon® Military Hook-up Wire

-55°C to 200°C, 1000V



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
			in	mm	in	mm	lbs/1k ft	kg/km
M16878/5-BAA	32	Solid	0.015	0.4	0.033	0.8	1	1
M16878/5-BAB		7/40	0.015	0.4	0.034	0.9	1	1
M16878/5-REF		19/14	0.015	0.4	0.034	0.9	1	1
M16878/5-BBA	30	Solid	0.015	0.4	0.034	0.9	1	1
M16878/5-BBB		7/38	0.015	0.4	0.036	0.9	2	3
M16878/5-REF		19/42	0.015	0.4	0.036	0.9	2	3
M16878/5-BCA	28	Solid	0.015	0.4	0.037	0.9	2	3
M16878/5-BCB		7/36	0.015	0.4	0.039	1.0	2	3
M16878/5-REF		19/40	0.015	0.4	0.039	1.0	2	3
M16878/5-BDA	26	Solid	0.015	0.4	0.040	1.0	2	3
M16878/5-BDB		7/34	0.015	0.4	0.049	1.2	2	3
M16878/5-BDE		19/38	0.015	0.4	0.049	1.2	2	3
M16878/5-BEA	24	Solid	0.015	0.4	0.050	1.3	3	4
M16878/5-BEB		7/32	0.015	0.4	0.048	1.2	3	4
M16878/5-BEE		19/36	0.015	0.4	0.048	1.2	3	4
M16878/5-BFA	22	Solid	0.015	0.4	0.055	1.4	4	6
M16878/5-BFB		7/30	0.015	0.4	0.054	1.4	4	6
M16878/5-BFE		19/34	0.015	0.4	0.054	1.4	4	6
M16878/5-BGA	20	Solid	0.015	0.4	0.062	1.6	5	7
M16878/5-BGB		7/28	0.015	0.4	0.062	1.6	6	9
M16878/5-BGE		19/32	0.015	0.4	0.062	1.6	6	9
M16878/5-BHA	18	Solid	0.015	0.4	0.066	1.7	8	12
M16878/5-BHB		7/26	0.015	0.4	0.079	2.0	8	12
M16878/5-BHE		19/30	0.015	0.4	0.074	1.9	9	13
M16878/5-BJA	16	Solid	0.015	0.4	0.081	2.1	11	16
M16878/5-BJE		19/29	0.015	0.4	0.087	2.2	11	16
M16878/5-BKE	14	19/27	0.015	0.4	0.102	2.6	16	24
M16878/5-BLE	12	19/25	0.015	0.4	0.121	3.1	25	37
M16878/5-BMG	10	37/26	0.015	0.4	0.141	3.6	35	52
M16878/5-BNL	8	133/29	0.015	0.4	0.162	4.1	66	98

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| <p>Notes</p> <ul style="list-style-type: none"> • Soft-annealed, silver-plated copper conductor • Polytetrafluoroethylene (PTFE) insulation • A variety of insulation colors available | <p>Alternative Constructions</p> <ul style="list-style-type: none"> • Soft-annealed, nickel-plated copper conductor rated up to 260°C • Sodium naphthalene etched insulation | <p>Available Certifications</p> <p>UL: 1180</p> | <p>Applications</p> <p>For use in aerospace & military and electronic applications. Rated for continuous use from -55°C up to 200°C.</p> |
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PTFE - NEMA HP-3-ET (MIL-W-16878/6, Type ET)

Teflon® Military Hook-up Wire

-55°C to 200°C, 250V



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
			in	mm	in	mm	lbs/1k ft	kg/km
M16878/6-REF	38	Solid	0.006	0.2	0.018	0.5	0.17	0.25
M16878/6-REF		7/46	0.006	0.2	0.019	0.5	0.18	0.27
M16878/6-REF	36	Solid	0.006	0.2	0.019	0.5	0.27	0.40
M16878/6-REF		7/44	0.006	0.2	0.020	0.5	0.30	0.45
M16878/6-REF	34	Solid	0.006	0.2	0.020	0.5	0.34	0.51
M16878/6-REF		7/42	0.006	0.2	0.021	0.5	0.38	0.57
M16878/6-BAA	32	Solid	0.006	0.2	0.022	0.6	0.45	0.67
M16878/6-BAB		7/40	0.006	0.2	0.024	0.6	0.48	0.71
M16878/6-BAE		19/14	0.006	0.2	0.024	0.6	0.52	0.77
M16878/6-BBA	30	Solid	0.006	0.2	0.024	0.6	0.59	0.88
M16878/6-BBB		7/38	0.006	0.2	0.026	0.7	0.66	0.98
M16878/6-REF	28	19/42	0.006	0.2	0.026	0.7	0.68	1.01
M16878/6-BCA		Solid	0.006	0.2	0.027	0.7	0.80	1.19
M16878/6-BCB		7/36	0.006	0.2	0.029	0.7	0.91	1.35
M16878/6-BCE	26	19/40	0.006	0.2	0.029	0.7	0.98	1.46
M16878/6-BDA		Solid	0.006	0.2	0.030	0.8	1.16	1.73
M16878/6-BDB		7/34	0.006	0.2	0.033	0.8	1.30	1.93
M16878/6-BDE	24	19/38	0.006	0.2	0.033	0.8	1.40	2.08
M16878/6-BEA		Solid	0.006	0.2	0.032	0.8	1.31	1.95
M16878/6-BEB		7/32	0.006	0.2	0.038	1.0	1.90	2.83
M16878/6-BEE	22	19/36	0.006	0.2	0.038	1.0	2.02	3.01
M16878/6-BFA		Solid	0.006	0.2	0.038	1.0	2.81	4.19
M16878/6-BFB	20	7/30	0.006	0.2	0.044	1.1	2.80	4.17
M16878/6-BFE		19/34	0.006	0.2	0.044	1.1	3.98	5.92
M16878/6-BGA	18	Solid	0.006	0.2	0.044	1.1	4.23	6.29
M16878/6-BGB		7/28	0.006	0.2	0.052	1.3	4.24	6.31
M16878/6-BGE		19/32	0.006	0.2	0.052	1.3	4.60	6.85

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Notes

- Soft-annealed, silver-plated copper conductor
- Polytetrafluoroethylene (PTFE) insulation
- A variety of insulation colors available

Alternative Constructions

- Soft-annealed, nickel-plated copper conductor rated up to 260°C
- Sodium naphthalene etched insulation

Available Certifications

UL: 1371

Applications

For use in aerospace & military and electronic applications. Rated for continuous use from -55°C up 200°C.