



MIL-W-16878/6, NEMA HP3, TYPE ET

High Temperature Teflon® (PTFE) Hook-Up Wire

Multiple ratings include: NEMA HP3-ET, UL Style 1371

TFE (PTFE) Insulated 0.006" Wall

Silver Plated Copper Conductor (Per ASTM B-298)

{Optional conductors available: Nickel plated copper; Silver or nickel plated high strength copper alloy.}

Voltage Rating: 250 Volts

Temperature: -55°C to +200°C (Silver plated conductor)

-55°C to +260°C (Nickel plated conductor)

Wire Type RDS Number	Gauge (AWG)	Dimensional Data		
		Stranding	Insulation O.D.	
M16878/6			MIN.-MAX	Mil Spec P/N
ET-38-01-*	38	1/38	.012-.018	N/A
ET-38-07-*	32	7/46	.013-.019	N/A
ET-36-01-*	36	1/36	.013-.019	N/A
ET-36-07-*	36	7/44	.014-.020	N/A
ET-34-01-*	34	1/34	.014-.020	N/A
ET-34-07-*	34	7/42	.015-.021	N/A
ET-32-01-*	32	1/32	.016-.022	BAA
ET-32-07-*	32	7/40	.020-.024	BAB
ET-32-19-*	32	19/44	.020-.024	BAE
ET-30-01-*	30	1/30	.020-.024	BBA
ET-30-07-*	30	7/38	.022-.026	BBB
ET-30-19-*	30	19/42	.022-.026	BBE
ET-28-01-*	28	1/28	.023-.027	BCA
ET-28-07-*	28	7/36	.025-.029	BCB
ET-28-19-*	28	19/40	.025-.029	BCE
ET-26-01-*	26	1/26	.026-.030	BDA
ET-26-07-*	26	7/34	.029-.033	BDB
ET-26-19-*	26	19/38	.029-.033	BDE
ET-24-07-*	24	7/32	.034-.038	BEB
ET-24-19-*	24	19/36	.034-.038	BEE
ET-22-07-*	22	7/30	.040-.044	BFB
ET-22-19-*	22	19/34	.040-.044	BFE
ET-20-07-*	20	7/28	.048-.052	BGB
ET-20-19-*	20	19/32	.048-.052	BGE

* = Color. N/A = Not Applicable to M16878 but manufactured to the basic requirements of the specification.
0 = Black, 1 = Brown, 2 = Red, 3 = Orange, 4 = Yellow, 5 = Green, 6 = Blue, 7 = Violet, 8 = Grey, 9 = White
These colors may also be used for stripe combinations. Example: -912 = White with one Brown and one Red stripe.
Complete Mil Spec call out M16878/6 - BDB912 = ET-26-07-912 { 26 AWG (7/34) White/Brown/Red }