



# MIL-W-16878/4 NEMA HP3, UL1213

## ( TYPE E )

High Temperature Hook-Up Wire

TFE Teflon\* Insulated .010" 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: 600 Volts

Temperature: -55°C to +200°C

UL1213 – Voltage not specified, 105°C

Wire Type RDS Number	Dimensional Data			Insulation O.D. MIN.-MAX	Weight LBS/1000' (Nominal)
	Gauge (AWG)	Stranding	Mil Spec P/N		
M16878/4					
E-32-01-*	32	1/32	BAA	.025-.033	.61
E-32-07-*	32	7/40	BAB	.026-.034	.79
E-30-01-*	30	1/30	BBA	.026-.034	.88
E-30-07-*	30	7/38	BBB	.028-.036	.99
E-30-19-*	30	19/44	BBE	.028-.036	1.01
E-28-01-*	28	1/28	BCA	.029-.037	1.14
E-28-07-*	28	7/36	BCB	.031-.039	1.28
E-28-19-*	28	19/40	BCE	.031-.039	1.33
E-26-01-*	26	1/26	BDA	.032-.040	1.51
E-26-07-*	26	7/34	BDB	.035-.043	1.74
E-26-19-*	26	19/38	BDE	.035-.043	1.83
E-24-01-*	24	1/24	BEA	.036-.044	2.09
E-24-07-*	24	7/32	BEB	.040-.048	2.44
E-24-19-*	24	19/36	BEE	.040-.048	2.44
E-22-01-*	22	1/22	BFA	.041-.049	2.95
E-22-07-*	22	7/30	BFB	.046-.054	3.44
E-22-19-*	22	19/34	BFE	.046-.054	3.47
E-20-01-*	20	1/20	BGA	.048-.056	4.34
E-20-07-*	20	7/28	BGB	.054-.062	5.05
E-20-19-*	20	19/32	BGE	.054-.062	5.12
E-18-01-*	18	1/18	BHA	.056-.066	6.50
E-18-07-*	18	7/26	BHB	.064-.074	7.52
E-18-19-*	18	19/30	BHE	.064-.074	7.60
E-16-19-*	16	19/29	BJE	.073-.087	9.77
E-14-19-*	14	19/27	BKE	.088-.102	14.70
E-12-19-*	12	19/25	BLE	.107-.121	22.60
E-10-37-*	10	37/26	BMG	.127-.141	34.90

\*\* = Color.

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: -903 = White with one Black and one Orange stripe.  
Complete Mil Spec call out M16878/4 - BFE903 = E-22-19-903 { 22 AWG (19/34) White/Black/Orange }