



## SAE-AS22759/10 Formerly MIL-W-22759/10

Insulation: **Polytetrafluoroethylene (PTFE)**

Nickel Plated Copper Conductor

Voltage Rating: 1000 Volts

Temperature: - 55°C to + 260°C

Polytetrafluoroethylene (PTFE) insulation designed for aerospace applications. Ideal where resistance to high temperatures and high reliability are required. This wire is non-flammable, self-extinguishing, and resists soldering iron contact. It is preferred where smoke emission, current overload conditions, flammability, or mechanical attack may be problems. The Nickel Plated Copper conductor allows for use at temperatures up to 260°C.

Wire Type RDS Number	Gauge (AWG)	Stranding	Dimensional Data			
			Insulation O.D.		Resistance @ 20°C OHMS/1000' max	Nominal Weight Pounds/1000'
			Min. (Inches)	Max.		
M22759/10-28*	28	7/36	.041	.045	67.90	1.79
M22759/10-26*	26	19/38	.046	.050	42.20	2.39
M22759/10-24*	24	19/36	.051	.055	25.90	3.14
M22759/10-22*	22	19/34	.058	.062	16.00	4.34
M22759/10-20*	20	19/32	.066	.070	9.77	6.12
M22759/10-18*	18	19/30	.076	.080	6.10	8.74
M22759/10-16*	16	19/29	.083	.087	4.76	10.80
M22759/10-14*	14	19/27	.097	.103	3.00	16.20
M22759/10-12*	12	19/25	.116	.124	1.89	25.30
M22759/10-10*	10	37/26	.137	.145	1.24	35.90
M22759/10-8*	8	133/29	.202	.212	0.694	66.40

\* = 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: -95 = White with one Green stripe.

Complete Mil Spec call out M22759/10 - 18 - 95 => { 18 AWG (19/30) White/Green }