



SAE-AS22759/9 Formerly MIL-W-22759/9

Insulation: **Polytetrafluoroethylene (PTFE)**

Silver Plated Copper Conductor

Voltage Rating: 1000 Volts

Temperature: - 55°C to + 200°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.

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.		
M22759/9						
M22759/9-28-*	28	7/36	.041	.045	63.80	1.78
M22759/9-26-*	26	19/38	.046	.050	38.40	2.38
M22759/9-24-*	24	19/36	.051	.055	24.30	3.13
M22759/9-22-*	22	19/34	.058	.062	15.10	4.30
M22759/9-20-*	20	19/32	.066	.070	9.19	6.09
M22759/9-18-*	18	19/30	.076	.080	5.79	8.68
M22759/9-16-*	16	19/29	.083	.087	4.52	10.60
M22759/9-14-*	14	19/27	.097	.103	2.88	16.10
M22759/9-12-*	12	19/25	.116	.124	1.81	25.00
M22759/9-10-*	10	37/26	.137	.145	1.19	35.30
M22759/9-8-*	8	133/29	.202	.212	0.658	65.50

* = 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 M22759/9 - 18 - 95 => { 18 AWG (19/30) White/Green }