



SAE-AS22759/11 Formerly MIL-W-22759/11

Insulation: **Polytetrafluoroethylene (PTFE)**

Silver Plated Copper Conductor

Voltage Rating: 600 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.		
M22759/11						
M22759/11-28-*	28	7/36	.031	.035	63.80	1.22
M22759/11-26-*	26	19/38	.036	.040	38.40	1.74
M22759/11-24-*	24	19/36	.041	.045	24.30	2.41
M22759/11-22-*	22	19/34	.047	.051	15.10	3.44
M22759/11-20-*	20	19/32	.056	.060	9.19	5.15
M22759/11-18-*	18	19/30	.066	.070	5.79	7.58
M22759/11-16-*	16	19/29	.073	.077	4.52	9.64
M22759/11-14-*	14	19/27	.088	.092	2.88	14.70
M22759/11-12-*	12	19/25	.108	.114	1.81	23.50
M22759/11-10-*	10	37/26	.135	.143	1.19	34.90
M22759/11-8-*	8	133/29	.198	.206	0.658	57.80

* = 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: -915 = White with one Brown and one Green stripe.

Complete Mil Spec call out M22759/11 - 20 - 915 => { 20 AWG (19/32) White/Brown/Green }