



**Mil-W-22759/19**

**Insulation: Ethylene-Tetrafluoroethylene (ETFE)**

Silver Plated High Strength Copper Alloy Conductor

Voltage Rating: 600 Volts

Temperature: 150°C

Nominal Wall: .006"

Thin wall ethylene-tetrafluoroethylene (ETFE) insulation ( also known as Tefzel ) designed for aerospace applications where weight, dimensional tolerance, and mechanical durability are required. This wire is small in size, light weight, and exhibits high chemical and radiation resistance.

Wire Type RDS Number	Gauge (AWG)	Stranding	Dimensional Data		
			Insulation O.D. Nominal Inches	Resistance @ 20°C OHMS/1000' max	Nominal Weight Pounds/1000'
M22759/19					
M22759/19-26-*	26	19/38	.032	44.8	1.36
M22759/19-24-*	24	19/36	.037	28.4	1.92
M22759/19-22-*	22	19/34	.043	17.5	2.87
M22759/19-20-*	20	19/32	.050	10.70	4.45

\* = 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 M22759/19 - 22 - 903 => { 22 AWG (19/34) White/Black/Orange }