



Mil-W-22759/35

Dual Insulation of **Cross Linked Ethylene-Tetrafluoroethylene (ETFE)**

Silver Plated High Strength Copper Alloy Conductor

Voltage Rating: 600 Volts

Temperature: 200°C

Irradiation cross-linked modified ethylene-tetrafluoroethylene (ETFE) insulation designed for airframe, avionic, and other high durability, lightweight aerospace applications. Ideal where size and weight limitations are important. This wire is small in size, light weight, and extremely flexible. It exhibits high resistance to flame, chemical attack, radiation, and soldering iron contact. The high strength copper alloy conductor also improves the flex life and break strength of this wire.

Wire Type RDS Number	Gauge (AWG)	Stranding	Dimensional Data			
			Insulation O.D.		Resistance @ 20°C OHMS/1000' max	Maximum Weight Pounds/1000'
			Min. (Inches)	Max.		
M22759/35						
M22759/35-26-*	26	19/38	.038	.042	44.80	1.70
M22759/35-24-*	24	19/36	.043	.047	28.40	2.30
M22759/35-22-*	22	19/34	.048	.052	17.50	3.30
M22759/35-20-*	20	19/32	.056	.060	10.70	4.80

* = 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: -93 = White with one Orange stripe.

Complete Mil Spec call out M22759/35 - 22 - 93 => { 22 AWG (19/34) White/Orange }