



SAE-AS22759/4 Formerly MIL-W-22759/4

Insulation: **Polytetrafluoroethylene (PTFE) – GLASS – FEP**

Silver Plated Copper Conductor

Voltage Rating: 600 Volts

Temperature: 200°C

Multi-layered insulation designed for airframe, and other high durability, aerospace applications. The first layer consists of PTFE tapes, followed by a secondary layer of PTFE coated Glass Braid, and an outer covering of extruded clear FEP. The insulation provides superior resistance, while the FEP outer jacket allows easier handling.

Wire Type RDS Number	Gauge (AWG)	Stranding	Dimensional Data			
			Insulation O.D.		Resistance @ 20°C OHMS/2000' max	Maximum Weight Pounds/2000'
			Min. (Inches)	Max. (Inches)		
M22759/4	(AWG)		Min.	Max.	Resistance @ 20°C	Maximum Weight
			(Inches)	(Inches)	OHMS/2000' max	Pounds/2000'
M22759/4-22-*	22	19/34	.071	.077	15.1	5.90
M22759/4-20-*	20	19/32	.079	.085	9.19	7.90
M22759/4-18-*	18	19/30	.092	.098	5.79	11.00
M22759/4-16-*	16	19/29	.099	.107	4.52	13.60
M22759/4-14-*	14	19/27	.112	.120	2.88	18.50
M22759/4-12-*	12	37/28	.129	.137	1.90	26.60
M22759/4-10-*	10	37/26	.158	.170	1.19	41.50
M22759/4- 8-*	8	133/29	.228	.242	.658	77.40
M22759/4- 6-*	6	133/27	.272	.292	.418	115.00
M22759/4- 4-*	4	133/25	.336	.366	.264	184.00
M22759/4- 2-*	2	665/30	.415	.445	.170	281.00
M22759/4- 1-*	1	817/30	.465	.495	.139	358.00
M22759/4-01-*	1/0	1045/30	.500	.550	.108	436.00
M22759/4-02-*	2/0	1330/30	.560	.610	.085	554.00

* = 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 M22759/4 - 18 - 93 => { 18 AWG (19/30) White/Orange }