

CHARACTER:

1.Physical performance

- a、Good mechanical properties
- b、Good resistance to high temperature, low temperature resistance
- c、Good flame retardancy
- d、Good corrosion resistance
- e、Good resistance to climate
- f、Good lubricity (small friction coefficient)
- g、Excellent resistance to radiation
- h、Good resistance to twists
- i、Good not sticky

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use half extrusion processing
- b、Good wire processing performance
- c、In the process of wire processing good compatibility
- d、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、nonhazardous

SHOULD BE USED:

For national defence application

REFERENCE:

MIL-W-22759

Outline:

Strands silver-plated copper conductor



ETFE Insulation

For national defence application

MIL-W-22759/16

Wire structure description:
Conductor: Silver-plated copper;
Insulation materials:ETFE Insulation;

For national defence application Rated temperature:150℃ Rated voltage:600V								
PIN.	AWG	Conductor size (No./ mm) ±0.005	Conductor		Conductor Dia.(mm)	Insulation thickness (mm) Nom.	Overall diameter (mm)	
			Material	Coating			Min	Max
M22759/16	8	133/29	copper	Silver	4.11	0.42	4.978	5.131
	10	37/26	copper	Silver	2.79	0.33	3.454	3.607
	12	37/28	copper	Silver	2.18	0.33	2.819	2.972
	14	19/27	copper	Silver	1.70	0.33	2.311	2.413
	16	19/29	copper	Silver	1.35	0.33	1.956	2.057
	18	19/30	copper	Silver	1.22	0.25	1.753	1.854
	20	19/32	copper	Silver	0.97	0.25	1.473	1.575
	22	19/34	copper	Silver	0.76	0.25	1.270	1.372
	24	19/36	copper	Silver	0.61	0.25	1.092	1.194

Marking: no marking

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- FT/roll			
10AWG	☒ 500Ft	☐ 1000Ft	☐ 2000Ft	
12~20AWG	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
22-30AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				