

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

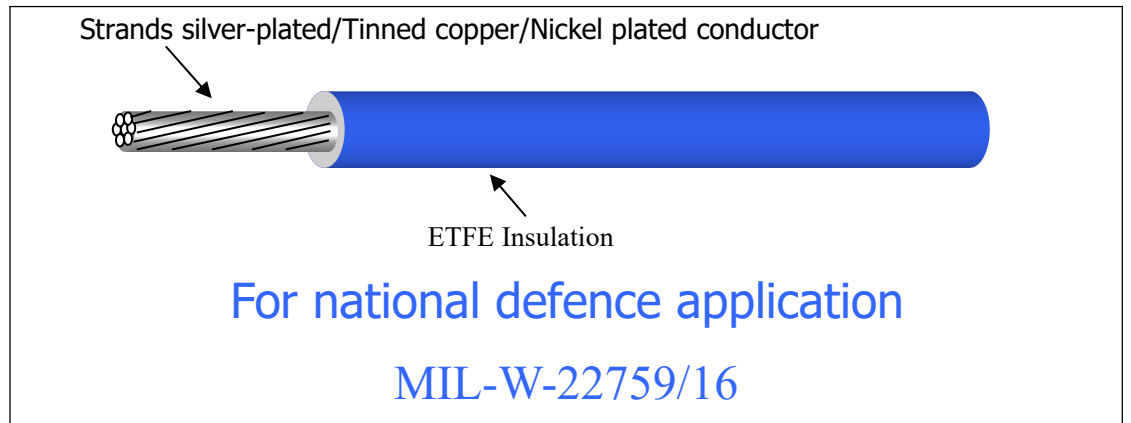
SHOULD BE USED:

For national defence application

REFERENCE:

MIL-W-22759

Outline:



Wire structure description:

Conductor: Silver-plated/Tinned copper/Nickel plated;
Insulation materials: ETFE Insulation;

For national defence application
Rated temperature: 150°C 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 (133/0.287)	copper	Silver	4.11	0.42	4.978	5.131
	10	37/26 (37/0.404)	copper	Silver	2.79	0.33	3.454	3.607
	12	19/25 (19/0.455)	copper	Silver	2.18	0.33	2.819	2.972
	14	19/27 (19/0.361)	copper	Silver	1.70	0.33	2.311	2.413
	16	19/29 (19/0.287)	copper	Silver	1.35	0.33	1.956	2.057
	18	19/30 (19/0.254)	copper	Silver	1.22	0.25	1.753	1.854
	20	19/32 (19/0.203)	copper	Silver	0.97	0.25	1.473	1.575
	22	19/34 (19/0.16)	copper	Silver	0.76	0.25	1.270	1.372
24	19/36 (19/0.127)	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

3F

According to customer requirements for packaging packaging