

**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

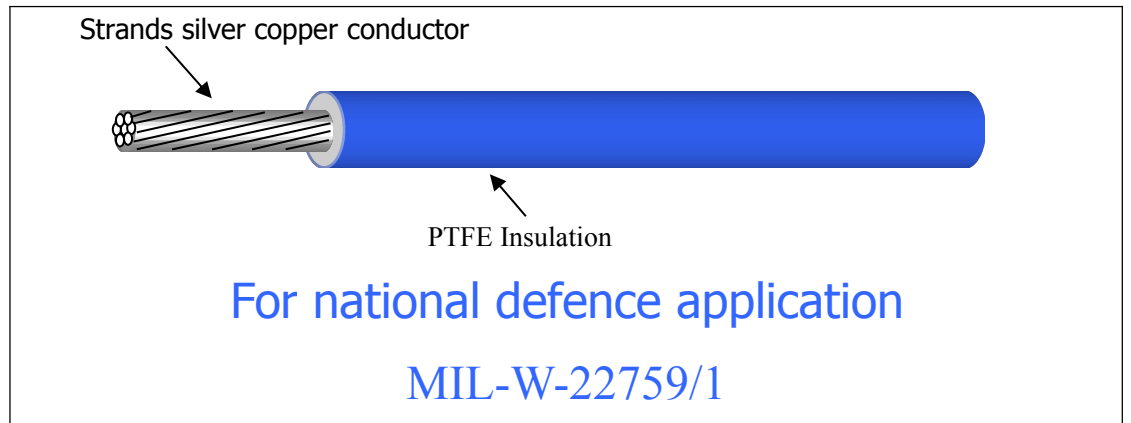
**SHOULD BE USED:**

For national defence application

**REFERENCE:**

MIL-W-22759

**Outline:**



**Wire structure description:**

Conductor: Silver copper;  
Jacket insulation materials: PTFE Insulation;

For national defence application  
Rated temperature: 200°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
M22759/1	4/0	19/111/0.254	copper	Silver	15.45	1.29	17.53	18.54
	3/0	37/45/0.254	copper	Silver	13.78	1.24	15.75	16.76
	2/0	19/70/0.254	copper	Silver	12.27	1.18	14.10	15.11
	1/0	19/55/0.254	copper	Silver	10.88	1.16	12.57	13.59
	1	19/43/0.254	copper	Silver	9.62	1.16	11.56	12.32
	2	19/35/0.254	copper	Silver	8.68	1.00	10.29	11.05
	4	7/19/0.455	copper	Silver	6.87	1.00	8.64	9.40
	6	7/19/0.361	copper	Silver	5.45	1.00	7.19	7.70
	8	7/19/0.287	copper	Silver	4.33	1.00	6.12	6.48
	10	37/0.43	copper	Silver	3.01	0.80	4.42	4.78
	12	37/0.36	copper	Silver	2.52	0.76	3.86	4.11
	14	19/0.36	copper	Silver	1.80	0.80	3.38	3.63
	16	19/0.287	copper	Silver	1.44	0.80	2.92	3.18
	18	19/0.254	copper	Silver	1.27	0.70	2.54	2.79
	20	19/0.203	copper	Silver	1.02	0.70	2.29	2.49
	22	19/0.16	copper	Silver	0.80	0.70	2.03	2.24

\*导体为正规绞合

**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		
2~4/0AWG	■ 250Ft	□ 500Ft	□ 1000Ft
4~8AWG	□ 250Ft	■ 500Ft	□ 2000Ft
22~10AWG	□ 250Ft	□ 500Ft	■ 1000Ft

According to customer requirements for packaging packaging

