

CHARACTER:

1.Physical performance

- a、excellent mechanical properties:
- Tensile strength≥31.02MPa, elongation at break≥200%
- After aging:
- Condition: 260±1.0℃/ 96H
- Tensile strength residual rate≥85% elongation at break≥85%
- b、Flame retardancy: VW-1, vertical combustion, burning 5 times, each time 15S, any residual flame is not more than 60S
- c、Low temperature bending: -10℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

- a、rated temperature:200℃ rated voltage: 600V
- b、Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV
- c、dielectric withstand voltage: 3.0KV, 60 seconds without breakdown

3.Processing properties

- a、suitable for all conventional wire harness processing technologies.
- b、if you have any special needs, please let us know.

4.Environmental protection

- a、ROHS/REACH compliant

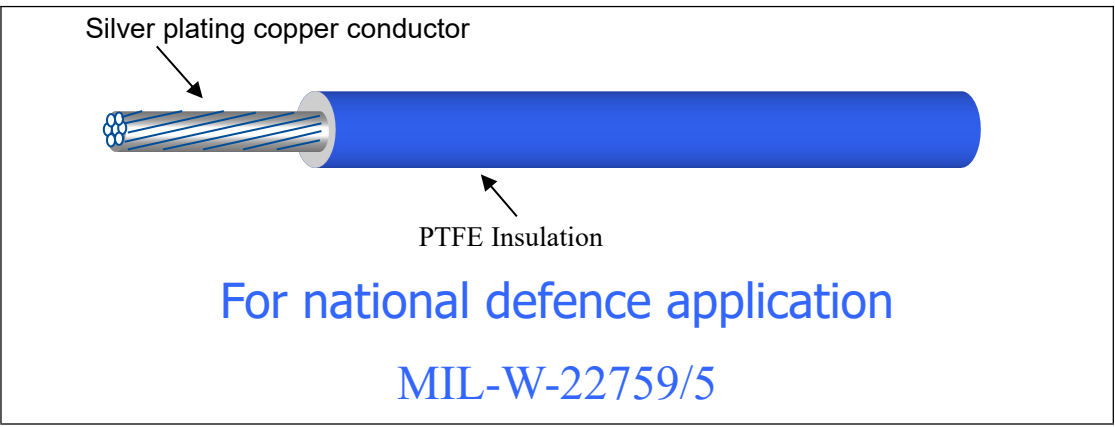
SHOULD BE USED:

For national defence application

REFERENCE:

MIL-W-22759/5

Outline:



Wire structure description:

Conductor structure: Silver plating copper conductor

Jacket insulation materials:PTFE Insulation;

For national defence application								
Rated temperature:200℃ Rated voltage:600V								
STYLE	standa rd AWG	Conducto r size (No./ mm) ±0.005mm	Conductor		Conductor Dia.(mm)	insulation thickness (mm)	Overall diameter (mm)	
			Mater ial	Coat ing			Min.	Max.
M22759/5	24	19/0.127	copper	Silver	0.61	0.65	1.778	2.03
	22	19/0.16	copper	Silver	0.76	0.65	2.03	2.29
	20	19/0.203	copper	Silver	0.96	0.73	2.29	2.54
	18	19/0.254	copper	Silver	1.19	0.80	2.68	2.92
	16	19/0.287	copper	Silver	1.34	0.92	3.05	3.3
	14	19/0.361	copper	Silver	1.70	0.97	3.45	3.81
	12	37/0.32	copper	Silver	2.18	0.94	3.89	4.24
	10	37/0.404	copper	Silver	2.74	0.90	4.37	4.72
	8	133/0.287	copper	Silver	4.11	1.1	6.12	6.48

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		
8~14AWG	☐ 250Ft	☒ 500Ft	☐ 2000Ft
16~24AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft
According to customer requirements for packaging packaging			

