

CHARACTER:

1. Physical performance

a、 excellent mechanical properties:

Tensile strength ≥34.5MPa, elongation at break ≥100%

After aging:

Condition: 180 ± 1.0°C / 168H

Tensile strength residual rate ≥85% elongation at break ≥75%

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: -65°C ± 3°C, no crack on the surface of the sample is qualified

2. Electrical performance

a、 rated temperature: 150°C **rated voltage:** 600V

b、 dielectric withstand voltage: 2.5KV AC, 60 seconds without breakdown

3. Processing performance

a、 suitable for all conventional wire harness processing

b、 If you have special needs, please let us know.

4. Environmental protection

a、 ROHS/REACH compliant

b、 nonhazardous

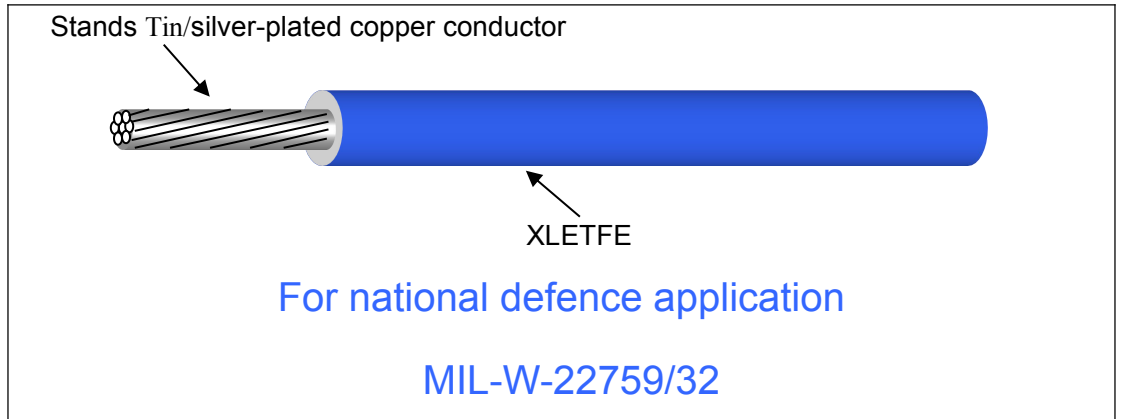
SHOULD BE USED:

For national defence application

REFERENCE:

MIL-W-22759/32

Outline:



Wire structure description:
 Conductor: Tin/Silver-plated copper
 Insulation materials: XLETFE Insulation;

For national defence application
 Rated temperature: 150°C Rated voltage: 600V

PIN.	AWG	Conductor size (no/mm) ±0.005mm	20°C Conductor resistance (Ω/Km)	导体直径 (mm)	绝缘厚度 (mm)	完成外径 (mm)	
						平均值	最大值
M22759/32	30	7/0.10	117.4	0.311	0.15	0.56	0.66
	28	7/0.127	74.4	0.388	0.15	0.64	0.74
	26	19/0.10	44.8	0.513	0.15	0.76	0.86
	24	19/0.127	28.4	0.639	0.15	0.89	1.00
	22	19/0.16	17.5	0.805	0.15	1.04	1.14
	20	19/0.20	10.07	1.022	0.15	1.22	1.32
	18	19/0.254	6.23	1.278	0.15	1.47	1.60
	16	19/0.287	4.81	1.444	0.15	1.68	1.78
	14	19/0.361	3.06	1.817	0.15	2.08	2.24
	12	37/0.32	2.02	2.248	0.15	2.54	2.69

Marking: no marking

SAE COLOR SERIES

*STOCK COLOR CHART				
00-BLACL	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