

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

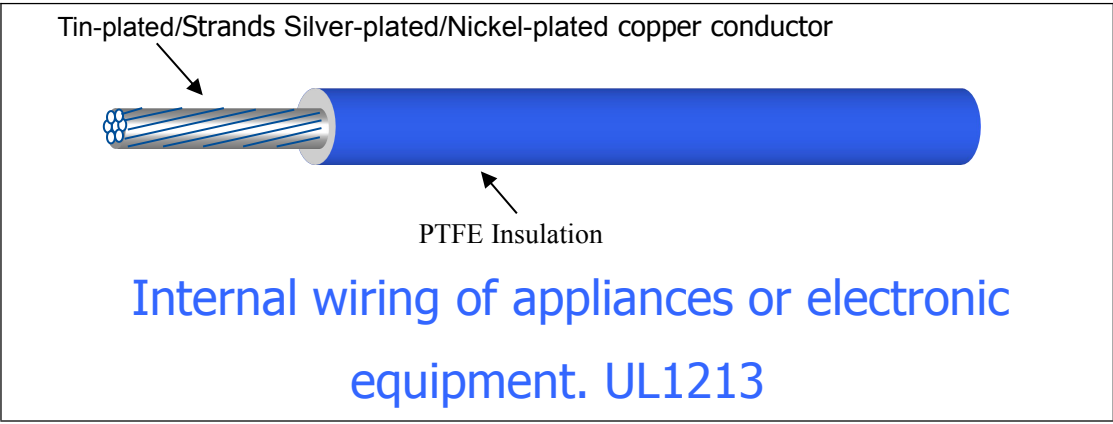
SHOULD BE USED:

Internal wiring where not subjected to mechanical abuse, Oil Resistant 60 deg C.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tin-plated/Silver-plated/Nickel-plated/ copper conductor;
Insulation materials: PTFE Insulation

Conductor temperature not over 105℃ PTFE insulated wire								
Rated temperature: 105℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Mon	Tol
1213	12	37/0.374	5.64	2.62	0.25	0.18	3.12	±0.15
	14	19/0.361	8.96	1.85	0.25	0.18	2.35	±0.15
	16	19/0.287	14.60	1.45	0.25	0.18	1.95	±0.10
	18	1/1.02	23.20	1.02	0.25	0.18	1.52	±0.10
	18	19/0.235	23.20	1.18	0.25	0.18	1.68	±0.10
	20	19/0.19	36.70	0.95	0.25	0.18	1.45	±0.10
	20	1/0.813	35.20	0.813	0.25	0.18	1.31	±0.10
	20	7/0.32	36.70	0.98	0.25	0.18	1.48	±0.10
	22	19/0.15	59.40	0.76	0.25	0.18	1.26	±0.10
	22	7/0.254	59.40	0.76	0.25	0.18	1.26	±0.10
	22	1/0.65	59.40	0.65	0.25	0.18	1.15	±0.10
	24	7/0.20	94.20	0.61	0.25	0.18	1.10	±0.10
	24	19/0.12	94.20	0.61	0.25	0.18	1.10	±0.10
	26	19/0.10	94.20	0.50	0.25	0.18	1.00	±0.10
	26	7/0.16	150.00	0.49	0.25	0.18	0.99	±0.10
	28	7/0.127	239.00	0.39	0.25	0.18	0.89	±0.10
	28	19/0.08	239.00	0.40	0.25	0.18	0.90	±0.10
	30	1/0.254	361.00	0.254	0.25	0.18	0.75	±0.10

Marking: E211048 AWM STYLE 1213 NO.AWG 105℃ 600V VW-1 PTFE QIFURUI -LF-

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			
12-16AWG	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18-30AWG	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				