

**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

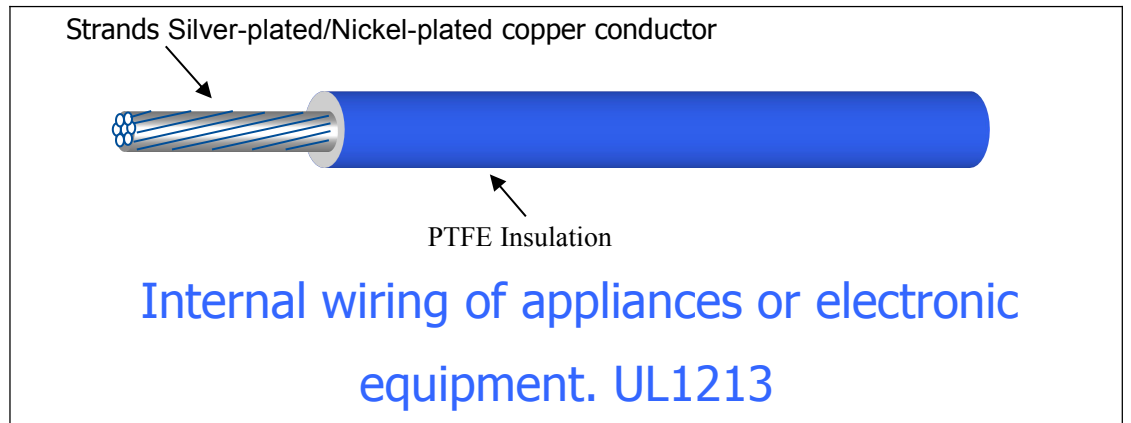
**SHOULD BE USED:**

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°C PTFE insulated wire  
 Rated temperature: 105°C rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Mon	Tol
1213	12	37/0.374	5.64	2.62	0.33	0.30	3.28	±0.15
	12	19/0.5	5.64	2.52	0.33	0.30	3.18	±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	7/0.39	23.20	1.18	0.25	0.18	1.68	±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	19/0.12	94.20	0.61	0.25	0.18	1.10	±0.10
	24	7/0.20	94.20	0.61	0.25	0.18	1.10	±0.10
	26	7/0.16	150.00	0.49	0.25	0.18	0.99	±0.10
	26	19/0.1	150.00	0.50	0.25	0.18	1.00	±0.10
	28	7/0.127	239.00	0.39	0.25	0.18	0.89	±0.10
30	7/0.1	361	0.30	0.25	0.18	0.80	±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°C 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	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18-30AWG	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft

According to customer requirements for packaging packaging