

**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)

**2. Electrical Properties**

- a、 Electrical insulation good
- b、 Has the very high resistivity
- c、 Low dielectric constant 2.1

**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

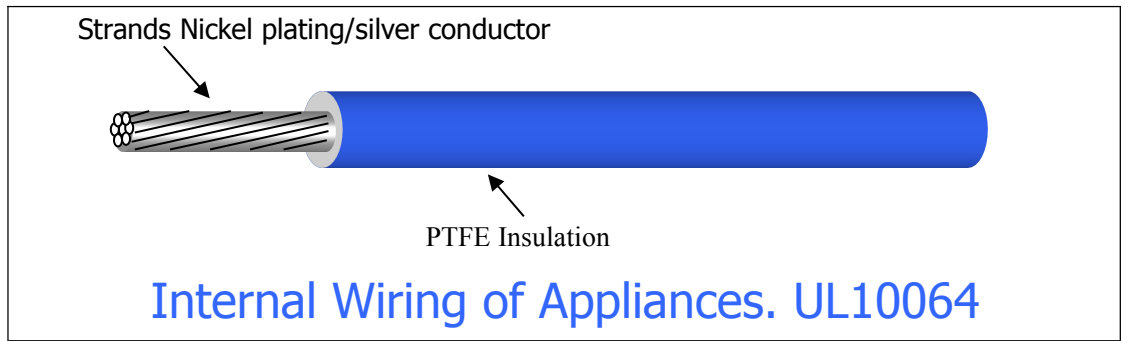
**SHOULD BE USED:**

For further processing as insulated singles in internal or external interconnection cables for use in Class 2 circuits of electronic equipment.

**REFERENCE:**

UL758-2010、UL1581-2009

**Outline:**



**Wire structure description:**  
 Conductor: Nickel plating/silver conductor;  
 Insulation materials: PTFE Insulation

Conductor temperature not over 105°C PTFE insulated wire  
 Rated temperature: 105°C rated voltage: 30V

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
10064	10	37/0.42	3.54	2.94	0.30	0.27	3.54	±0.15
	12	37/0.374	5.64	2.62	0.30	0.27	3.22	±0.10
	14	19/0.374	8.96	1.88	0.25	0.21	2.38	±0.10
	16	19/0.287	14.60	1.44	0.25	0.21	1.94	±0.10
	18	19/0.235	23.20	1.18	0.25	0.21	1.68	±0.10
	20	19/0.19	36.70	0.95	0.25	0.21	1.45	±0.10
	22	19/0.15	59.40	0.76	0.25	0.21	1.26	±0.10
	24	7/0.20	94.20	0.60	0.25	0.21	1.10	±0.10
	26	7/0.16	150.00	0.50	0.25	0.21	1.00	±0.10
	28	7/0.127	239.00	0.38	0.25	0.21	0.88	±0.10
	30	7/0.10	381.00	0.30	0.25	0.21	0.80	±0.10
	32	7/0.08	514.30	0.24	0.25	0.21	0.74	±0.10

**Marking :** E211048 AWM STYLE 10064 NO.AWG 105°C 30V 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		
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft
22-32AWG	□ 500Ft	□ 1000Ft	■ 2000Ft

According to customer requirements for packaging packaging

