

**CHARACTER:**

**1.Physical performance**

- a、Excellent thermal stability
- b、Good mechanical properties
- c、Long-term ageing resistance
- d、high resistance to chemicals
- e、Good flame retardancy (VW-1)
- f、Suitable for water, fuel, oil, acid and alkali environment

**2.Electrical Properties**

- a、Electrical insulation good
- b、Good the dielectric properties

**3.Processing properties**

- a、Using the Half extrusion processing
- b、Can be twisted pair and multi-core
- c、According to UL standard design

**4.Environmental protection**

- a、ROHS/REACH compliant
- b、Low smoke

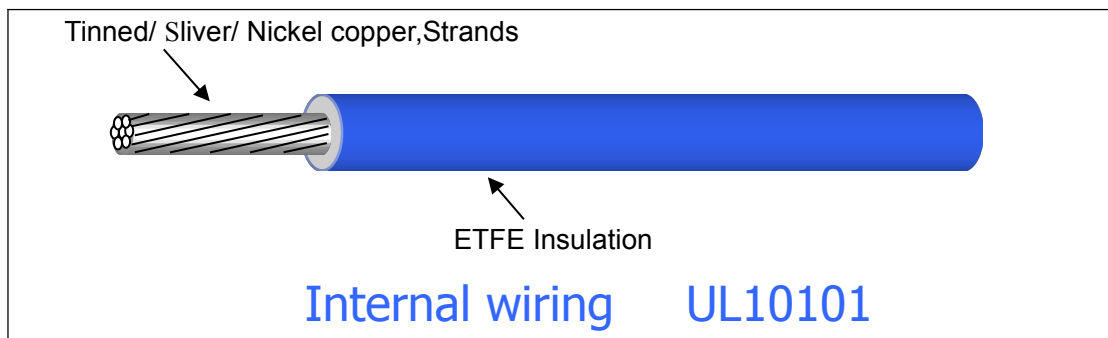
**SHOULD BE USED:**

Internal wiring of appliances and electronic equipment.

**REFERENCE:**

UL758-2010、UL1581-2009

**Outline:**



**Wire structure description:**  
 Conductor: Tinned/ Sliver/ Nickel copper, Strands  
 Insulation materials: ETFE Insulation

Conductor temperature not over 105°C ETFE insulated wire  
 Rated temperature: 105°C rated voltage: 250V

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
10101	20	19/0.19	36.70	0.95	0.26	0.23	1.47	-0.5/+0.10
	22	19/0.15	59.40	0.76	0.26	0.23	1.30	-0.5/+0.10
	24	7/0.20	94.20	0.60	0.26	0.23	1.12	-0.5/+0.10
	26	7/0.16	150.00	0.48	0.26	0.23	1.00	-0.5/+0.10
	28	7/0.127	239.00	0.38	0.26	0.23	0.90	-0.5/+0.10
	30	1/0.254	361.00	0.254	0.26	0.23	0.80	-0.5/+0.10

**Marking:** E211048 AWM STYLE 10101 NO.AWG 105°C 250V VW-1 ETFE 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
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft



According to customer requirements for packaging packaging

