

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

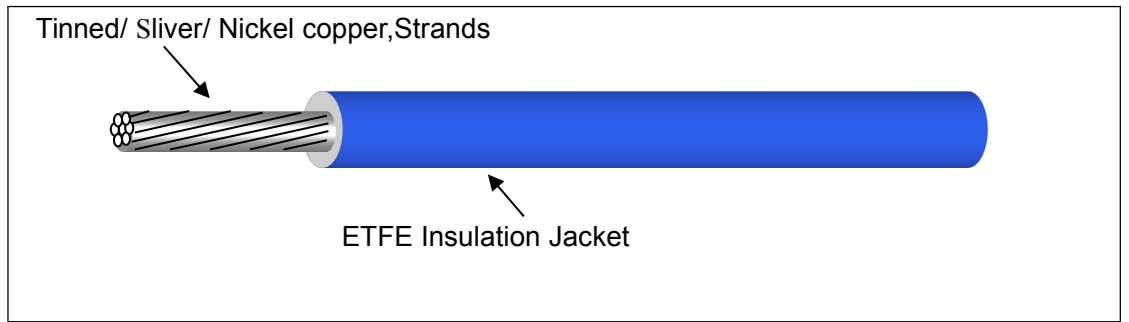
SHOULD BE USED:

General commercial electronics, electronic appliances and equipment internal connecting wires, motor transformers and lamp lead wires, etc., where the ambient temperature does not exceed 150°C.

参考标准:

UL758-2010、UL1581-2009

Outline:



Wire structure description(结构描述):
 Conductor: Tinned/ Sliver/ Nickel copper:
 Jacket insulation materials: ETFE Insulation

Conductor temperature not over 150°C ETFE insulated wire
 Rated temperature: 150°C Rated Voltage: 300V

Type	AWG	Construction Conductor Dia.(mm)	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	jacket thickness (mm)		Overall diameter (mm)	
					Nom.	Min	Nom.	Tole.
1828	10	19/0.61	3.54	3.07	0.33	0.25	3.73	±0.10
	12	19/0.50	5.64	2.51	0.33	0.25	3.17	±0.10
	14	19/0.361	8.96	1.85	0.33	0.25	2.50	±0.10
	16	19/0.287	14.60	1.50	0.33	0.25	2.16	±0.10
	18	19/0.235	23.20	1.18	0.33	0.25	1.85	±0.10
	20	19/0.19	36.70	0.95	0.33	0.25	1.60	±0.10
	22	19/0.15	59.40	0.76	0.33	0.25	1.42	±0.10
	24	7/0.20	94.20	0.60	0.33	0.25	1.26	±0.10
	26	7/0.16	150.00	0.48	0.33	0.25	1.15	±0.10
	28	7/0.127	239.00	0.38	0.33	0.25	1.05	±0.10
	30	1/0.254	361.00	0.254	0.33	0.25	0.92	±0.10

Marking: E211048 AWM STYLE 1828 NO.AWG 150°C 300V 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.(型号)	Packing- Ft/roll		
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft
12~16AWG	□ 500Ft	■ 1000Ft	□ 2000Ft
18-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft

According to customer requirements for packaging packaging

