

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 resistance to cracking

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 of electronic gas ignitor systems.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Nickel/silver/Tinned copper conductor



PFA Insulation

Internal Wiring of electronic gas ignitor systems.

UL1911-3KV

Wire structure description:
Conductor: Nickel plating/silver/Tinned copper conductor;
Insulation materials: PFA Insulation

Internal Wiring of electronic gas ignitor systems. Rated temperature: 250℃ rated voltage: 3KV								
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.	Min	Max
1911- 3KV	10	19/0.574	3.54	3.06	0.50	0.39	4.06	±0.15
	12	19/0.50	5.64	2.52	0.50	0.39	3.52	±0.15
	14	19/0.361	8.96	1.85	0.45	0.35	2.75	±0.10
	16	19/0.287	14.60	1.50	0.45	0.35	2.4	±0.10
	18	19/0.235	23.20	1.18	0.45	0.35	2.08	±0.10
	20	19/0.19	36.70	0.95	0.45	0.35	1.85	±0.10
	22	19/0.15	59.40	0.76	0.45	0.35	1.66	±0.10
	24	7/0.20	94.20	0.61	0.45	0.35	1.51	±0.10

Marking: E211048 AWM STYLE 1911 NO.AWG 250℃ 3KV PFA QIFURUI AWM I A 250℃ 3KV FT1 -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			3F
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	

According to customer requirements for packaging packaging