

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 appliances or electronic equipment.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Nickel /silver copper conductor



PFA Insulation

Internal wiring of appliances or electronic equipment. UL10362

Wire structure description:

Conductor: Nickel /silver copper conductor;

Insulation materials: PFA Insulation

Conductor temperature not over 250℃ PFA insulated wire

Rated temperature: 250℃ rated voltage: 600V

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.	Mon	Tol
10362	8	168/0.254	2.23	3.80	0.76	0.69	5.32	±0.15
	10	37/0.42	3.54	2.94	0.30	0.20	3.54	±0.15
	12	37/0.374	5.64	2.62	0.30	0.20	3.22	±0.10
	14	19/0.361	8.96	1.85	0.30	0.20	2.45	±0.10
	16	19/0.287	14.60	1.50	0.25	0.20	2.00	±0.10
	18	19/0.235	23.20	1.18	0.25	0.20	1.67	±0.10
	20	19/0.19	36.70	0.95	0.25	0.20	1.46	±0.10
	22	19/0.15	59.40	0.76	0.25	0.20	1.25	±0.10
	24	7/0.20	94.20	0.61	0.25	0.20	1.10	±0.10
	24	19/0.12	94.20	0.60	0.25	0.20	1.10	±0.10
	26	7/0.16	150.00	0.48	0.25	0.20	0.98	±0.10
	28	1/0.32	227.00	0.32	0.25	0.20	0.82	±0.10
	30	1/0.254	361.00	0.254	0.25	0.20	0.76	±0.10
	30	7/0.10	361.00	0.31	0.25	0.20	0.81	±0.10

Marking:

E211048  AWM STYLE 10362 NO.AWG 250℃ 600V VW-1 PFA 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				