

**CHARACTER:**

**1.Physical performance**

- a、 Low density high filling ability
- b、 Good mechanical properties
- c、 The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor
- d、 In the 150 200 °C can be short or intermittent use
- e、 Of high resistance to chemicals

**2.Electrical Properties**

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

**3.Processing properties**

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

**4.Environmental protection**

- a、 ROHS/REACH compliant

**SHOULD BE USED:**

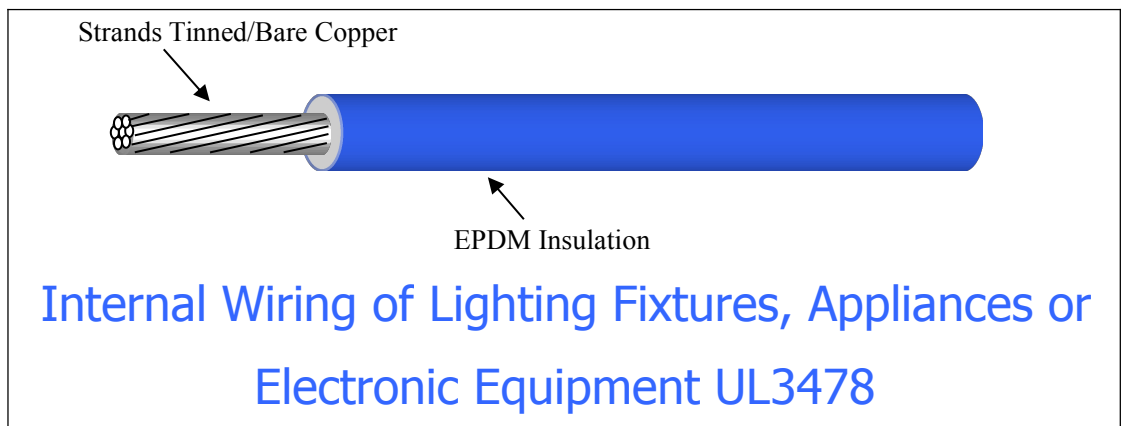
Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment, where exposed to temperatures not exceeding 125 deg C.

**REFERENCE:**

UL758-2010、 UL1581-2009

**Outline:**

**Marking :** E211048  AWM STYLE 3478 NO. AWG 125°C 600V EPDM QIFURUI c  AWM I A 125°C 600V FT2 -LF-



**Wire structure description:**  
 Conductor: Tinned /Bare copper ;  
 Insulation materials: EPDM Insulation


Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment. . Conductor temperature not over 125°C EPDM insulated wire  
 Rated temperature: 125°C rated voltage: 600V

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.	Min	Max
3478	4/0	19/44/0.404	0.172	15.48	2.00	1.78	19.50	±0.25
	3/0	7/37/0.643	0.219	13.54	2.00	1.78	17.55	±0.25
	2/0	19/70/0.254	0.277	12.26	2.00	1.78	16.26	±0.25
	1/0	19/55/0.254	0.349	10.88	2.00	1.78	14.90	±0.25
	1	19/44/0.254	0.440	9.72	2.00	1.78	13.75	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	7	7/30/0.254	1.768	4.82	1.52	1.37	7.86	±0.20
	08	168/0.254	2.23	3.80	1.15	1.04	6.10	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.10
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.10
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.10
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.10
30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10	

**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				
4/0-4AWG	<input checked="" type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
6~10AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
12~16AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
18~30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft	

According to customer requirements for packaging packaging