

**CHARACTER:**

**1.Physical performance**

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、Of high resistance to chemicals
- f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、Excellent resistance to impact ability

**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、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

**4.Environmental protection**

- a、ROHS/REACH compliant

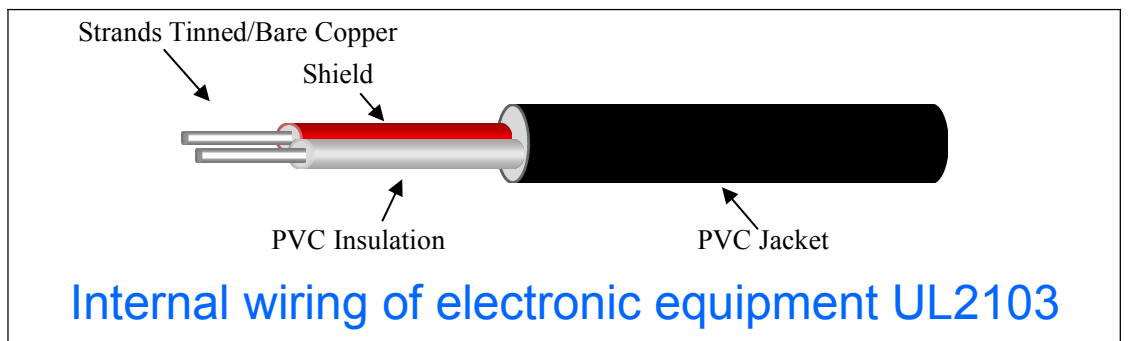
**SHOULD BE USED:**

General commercial, electronic electric appliance and equipment instrument internal connections。

**REFERENCE:**

UL758-2010、UL1581-2009

**Outline:**



**Wire structure description:**

Conductor: Tinned /Bare copper ;  
 Insulation materials: PVC Insulation  
 Shield materials:tinned/bare copper or Aluminum foil warp (optional)  
 Jacket materials: PVC jacket

Internal wiring of electronic equipment , More than 105℃ environment temperature occasion

Rated temperature: 105℃ Rated voltage:300V

Part No.	Conductor				Insulation thickness (mm)		Jacket Thickness (mm)		Overall diameter (mm)		Conductor resistance 20℃ (Ω/Km)
	Cores No.	AWG	N0./mm	Dia. mm	Nom.	Min Dia.	Nom.	Min	Nom.	min	
2103	2	26	7/0.16	0.48	0.40	1.28	0.38	0.33	3.75	3.60	150
	2	24	11/0.16	0.61	0.40	1.41	0.38	0.33	4.00	3.85	94.2
	2	22	17/0.16	0.76	0.40	1.56	0.38	0.33	4.30	4.15	59.4
	2	20	26/0.16	0.95	0.40	1.75	0.38	0.33	4.68	4.53	36.7
	3	26	7/0.16	0.48	0.40	1.28	0.38	0.33	3.78	3.63	150
	3	24	11/0.16	0.61	0.40	1.41	0.38	0.33	4.05	3.90	94.2
	3	22	17/0.16	0.76	0.40	1.56	0.38	0.33	4.35	4.20	59.4
	3	20	26/0.16	0.95	0.40	1.75	0.38	0.33	4.75	4.60	36.7
	4	28	7/0.127	0.38	0.40	1.18	0.38	0.33	3.95	3.80	239
	4	26	7/0.16	0.48	0.40	1.28	0.38	0.33	4.20	4.05	150
	4	22	7/0.254	0.78	0.40	1.58	0.38	0.33	4.81	4.71	59.4
	5	28	7/0.127	0.38	0.40	1.18	0.38	0.33	4.30	4.15	239
	5	26	7/0.16	0.48	0.40	1.28	0.38	0.33	4.55	4.40	150
	6	28	7/0.127	0.38	0.40	1.18	0.38	0.33	4.60	4.45	239
6	26	7/0.16	0.48	0.40	1.28	0.38	0.33	4.86	4.71	150	
7	28	7/0.127	0.38	0.40	1.18	0.38	0.33	4.85	4.70	239	
7	26	7/0.16	0.48	0.40	1.28	0.38	0.33	5.17	5.02	150	

Note:shield thickness 0.20mm

**Marking:** E211048 AWM STYLE 2103 NO. AWG 105℃ 300V VW-1 PVC QIFURUI cAWM 1A 105℃ 300V 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
2~7	□ 100Ft	□ 500Ft	■ 1000Ft	

According to customer requirements for packaging packaging