

**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

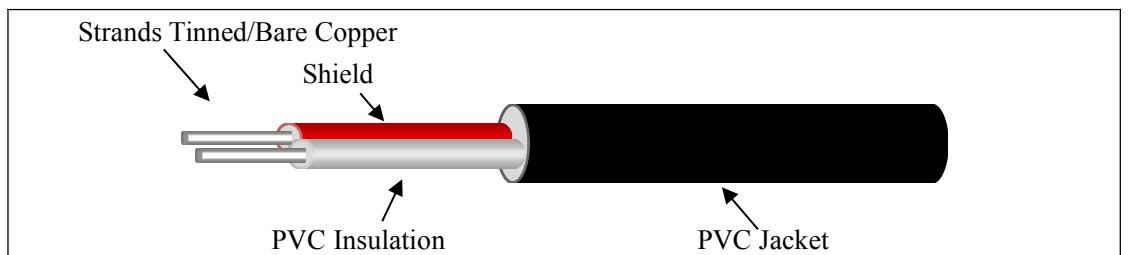
**SHOULD BE USED:**

Internal wiring or external interconnection of electronic equipment.

**REFERENCE:**

UL758-2010、UL1581-2009

**Outline:**



Internal wiring or external interconnection of electronic equipment. UL2501

**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 or external wiring of electronic equipment , More than 105 °C environment temperature occasion  
 Rated temperature: 105°C Rated voltage:600V

Part No.	Conductor				Insulation thickness (mm)		Jacket Thickness (mm)		Overall diameter (mm)		Conductor resistance 20°C (Ω/Km)
	Cores No.	AWG	N0./mm	Dia. mm	Nom.	Min Dia.	Nom.	Min	Nom.	min	
2501	2	26	7/0.16	0.48	0.76	2.00	1.52	1.22	7.44	6.84	150
	2	24	11/0.16	0.61	0.76	2.13	1.52	1.22	7.70	7.10	94.2
	2	22	17/0.16	0.76	0.76	2.28	1.52	1.22	8.00	7.40	59.4
	2	20	26/0.16	0.95	0.76	2.47	1.52	1.22	8.38	7.78	36.7
	3	26	7/0.16	0.48	0.76	2.00	1.52	1.22	7.44	6.84	150
	3	24	11/0.16	0.61	0.76	2.13	1.52	1.22	7.70	7.10	94.2
	3	22	17/0.16	0.76	0.76	2.28	1.52	1.22	8.00	7.40	59.4
	3	20	26/0.16	0.95	0.76	2.47	1.52	1.22	8.38	7.78	36.7
	4	28	7/0.127	0.38	0.76	1.90	1.52	1.22	7.83	7.23	239
	4	26	7/0.16	0.48	0.76	2.00	1.52	1.22	8.06	7.46	150
	5	28	7/0.127	0.38	0.76	1.90	1.52	1.22	8.35	7.75	239
	5	26	7/0.16	0.48	0.76	2.00	1.52	1.22	8.61	8.01	150
	6	28	7/0.127	0.38	0.76	1.90	1.52	1.22	8.82	8.22	239
	6	26	7/0.16	0.48	0.76	2.00	1.52	1.22	9.10	8.50	150
7	28	7/0.127	0.38	0.76	1.90	1.52	1.22	9.25	8.65	239	
7	26	7/0.16	0.48	0.76	2.00	1.52	1.22	9.55	8.95	150	

Note:shield thickness 0.20mm

**Marking:** E211048 AWM STYLE 2501 NO. AWG 105°C 600V VW-1 PVC QIFURUI AWM 1A 105°C 600V 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			
2~7	<input type="checkbox"/> 100Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	

According to customer requirements for packaging packaging