

**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

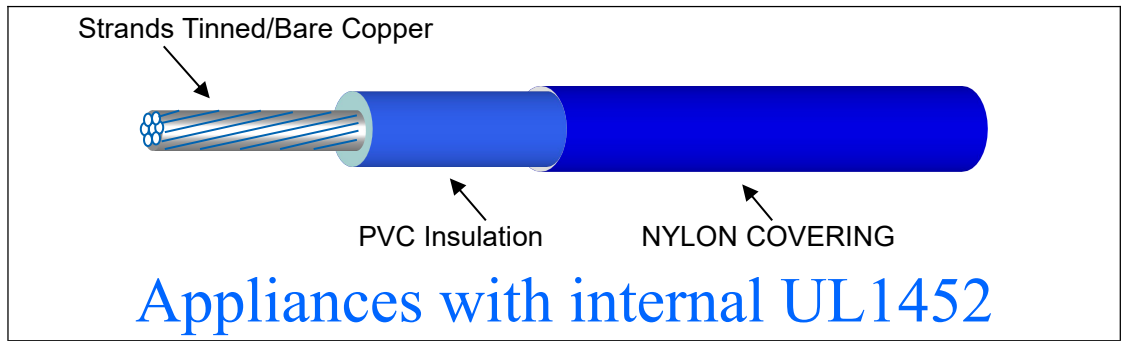
**SHOULD BE USED:**

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  
 Covering materials:NYLON COVERING

Appliances with internal , No more than 90 °C temperature of conductor occasion  
 Rated temperature: 90°C Rated voltage:1000V

STYLE	SIZE AWG	Conductor construction (No./ mm) ±0.005	Conductor resistance 20°C (Ω/Km)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom.	Nylon	Nom.	Tole.
1452	12	65/0.254	5.64	2.42	0.40	0.10	3.36	±0.1
	14	41/0.254	8.96	1.92	0.40	0.10	2.90	±0.1
	16	26/0.254	14.6	1.50	0.40	0.10	2.50	±0.1
	18	16/0.254	23.2	1.17	0.40	0.10	2.16	±0.1
	20	21/0.18	36.7	0.95	0.40	0.10	1.92	±0.1
	22	17/0.16	59.4	0.76	0.40	0.10	1.76	±0.1
	24	11/0.16	94.2	0.61	0.40	0.10	1.61	±0.1
	26	7/0.16	150	0.48	0.40	0.10	1.48	±0.1

**Marking:** E211048 AWM STYLE 1452 NO.AWG 90°C 1000V PVC(NYLON) QIFURUI AWM I A 90°C 1000V FT1 -LF-  
 E211048 AWM STYLE 1452 NO.AWG 90°C1000V PVC QIFURUI 221756 CSA AWM I A 90°C1000V 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				
12AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
14~26AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
According to customer requirements for packaging packaging					