

**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

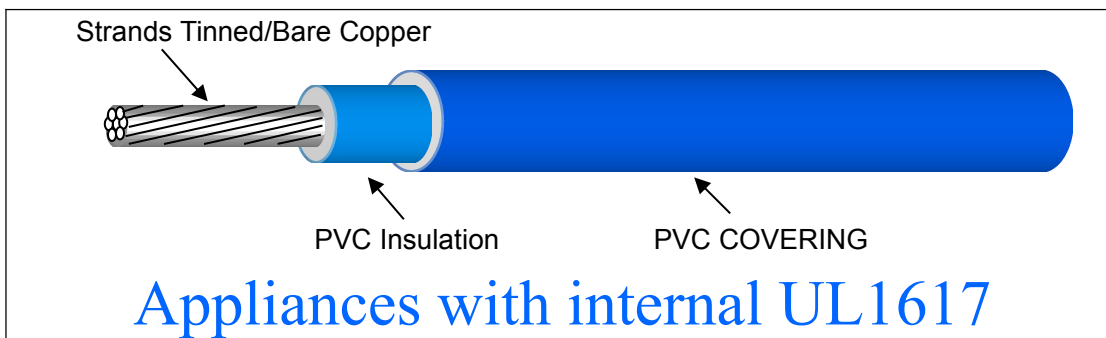
**SHOULD BE USED:**

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:PVC covering

Appliances with internal , No more than 105℃ temperature of conductor occasion  
 Rated temperature: 105℃ Rated voltage:600V

STYLE	SIZE AWG	Conductor construction (No./ mm) ±0.005	Conductor resistance 20℃ (Ω/Km)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					FIR	SEC	Nom.	Tole.
1617	10	105/0.254	3.54	3.00	0.80	0.40	5.40	±0.15
	12	65/0.254	5.64	2.36	0.80	0.40	4.76	±0.15
	14	41/0.254	8.96	1.92	0.80	0.40	4.34	±0.15
	16	26/0.254	14.60	1.50	0.80	0.40	3.90	±0.1
	18	16/0.254	23.20	1.17	0.80	0.40	3.55	±0.1
	20	21/0.18	36.70	0.95	0.80	0.40	3.35	±0.1
	20	26/0.16	36.70	0.94	0.80	0.40	3.35	±0.1
	20	1/0.813	35.20	0.813	0.80	0.40	3.21	±0.1
	22	17/0.16	59.40	0.76	0.80	0.40	3.16	±0.1
	24	11/0.16	94.20	0.61	0.80	0.40	3.00	±0.1
	26	7/0.16	150.00	0.48	0.80	0.40	2.90	±0.1
	28	7/0.127	239.00	0.38	0.80	0.40	2.78	±0.1
30	7/0.10	381.00	0.31	0.80	0.40	2.71	±0.1	

Stranded conductor single diameter tolerances ±0.005mm;  
 Solid conductor diameter tolerances ±0.01mm.  
 FIR:first extrusion SEC:second extrusion

**Marking:** E211048 AWM STYLE 1617 NO.AWG 105℃ 600V VW-1 PVC QIFURUI  
 c AWM I A 105℃ 600V FT1 -LF-  
 OR: E211048 AWM STYLE 1617 NO.AWG 105℃ 600V VW-1PVC QIFURUI 221756  
 CSA AWM I A 105℃ 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				3F
10-14AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
16-30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft	
According to customer requirements for packaging packaging					