

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

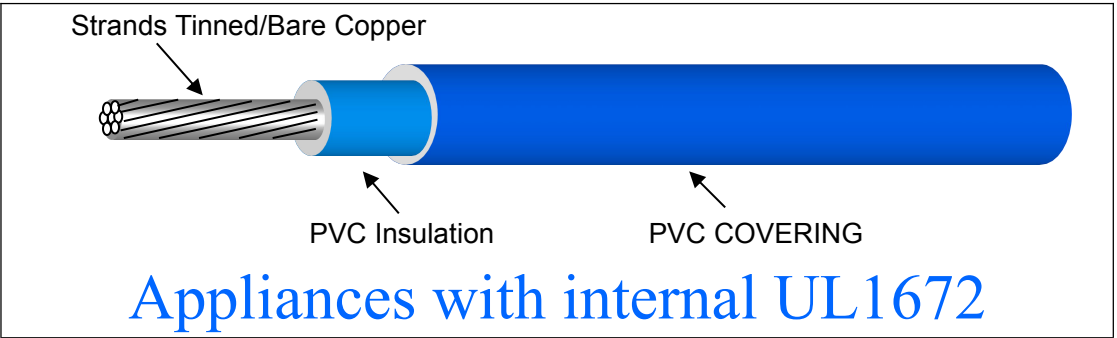
SHOULD BE USED:

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:300V								
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.
1672	10	105/0.254	3.54	3.00	0.40	0.40	4.60	±0.15
	12	65/0.254	5.64	2.36	0.40	0.40	4.00	±0.15
	14	41/0.254	8.96	1.92	0.40	0.40	3.54	±0.15
	16	26/0.254	14.60	1.50	0.40	0.40	3.10	±0.1
	18	16/0.254	23.20	1.17	0.40	0.40	2.75	±0.1
	18	34/0.18	23.20	1.21	0.40	0.40	2.81	±0.1
	20	21/0.18	36.70	0.95	0.40	0.40	2.55	±0.1
	20	1/0.813	35.20	0.813	0.40	0.40	2.41	±0.1
	22	7/0.254	59.4	0.78	0.40	0.40	2.38	±0.1
	22	17/0.16	59.40	0.76	0.40	0.40	2.36	±0.1
	24	11/0.16	94.20	0.61	0.40	0.40	2.20	±0.1
	26	7/0.16	150.00	0.48	0.40	0.40	2.10	±0.1
	28	7/0.127	239.00	0.38	0.40	0.40	1.98	±0.1
	30	7/0.10	381.00	0.31	0.40	0.40	1.91	±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 1672 NO.AWG 105℃ 300V VW-1 PVC QIFURUI
c AWM I A 105℃ 300V FT1 -LF-
OR : E211048 AWM STYLE 1672 NO. AWG 105℃ 300V VW-1PVC QIFURUI
221756 CSA AWM I A 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				
10-14AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
16-30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					