

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

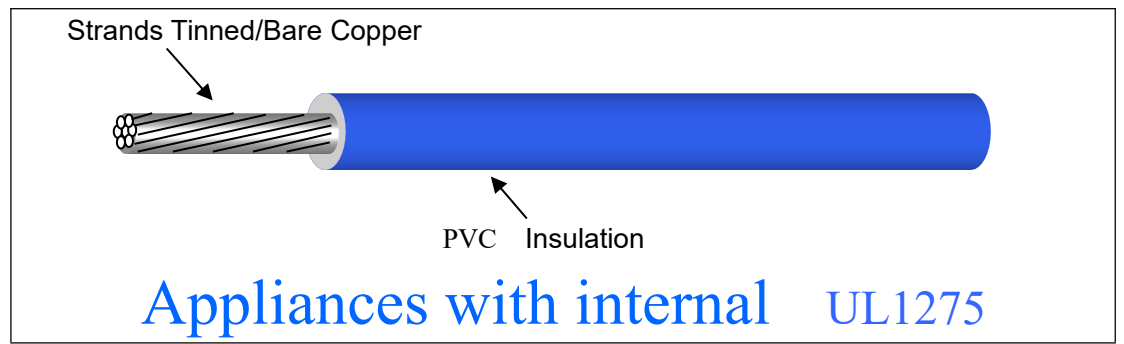
SHOULD BE USED:

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

Appliances with internal , No more than 105 °C temperature of conductor occasion

Rated temperature: 105°C Rated voltage:600V

STYLE	SIZE AWG	Conductor construction (No./ mm) ±0.005	Conductor resistance 20°C (Ω/Km)	Conduct or diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom.	Min.	Nom.	Tole.
1275	10	105/0.254	3.54	3.00	1.52	1.37	6.04	±0.15
	12	65/0.254	5.64	2.40	1.52	1.37	5.44	±0.15
	14	41/0.254	8.96	1.92	1.52	1.37	4.92	±0.15
	16	26/0.254	14.6	1.50	1.52	1.37	4.54	±0.15
	18	16/0.254	23.2	1.17	1.52	1.37	4.21	±0.15

Stranded conductor single diameter tolerances ±0.005mm;
Solid conductor diameter tolerances ±0.01mm.

Marking : E211048 AWM STYLE 1275 NO.AWG 105°C 600V PVC QIFURUI
c. AWM I A 105°C 600V FT2 -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			
16-18AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
According to customer requirements for packaging packaging				