

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

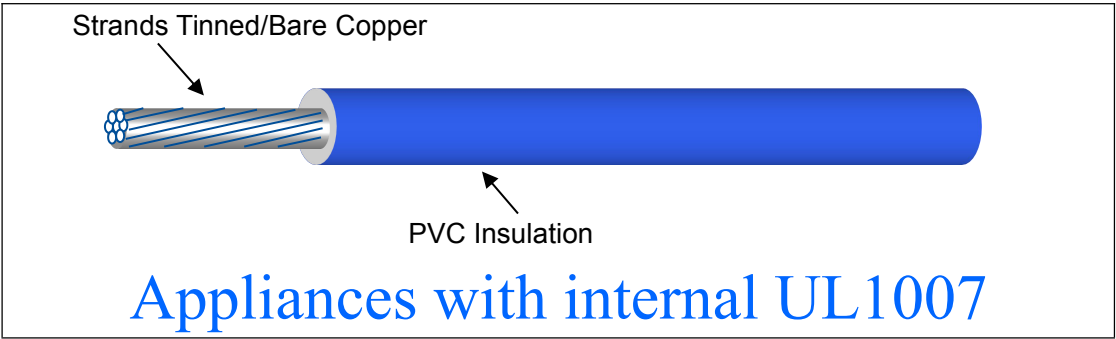
SHOULD BE USED:

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 80 ℃ temperature of conductor occasion								
Rated temperature: 80℃ 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)	
					Nom.	Min.	Nom.	Tole.
1007	16	26/0.254	14.60	1.50	0.40	0.33	2.30	±0.1
	16	1/1.13	14.60	1.13	0.40	0.33	1.93	±0.1
	18	16/0.254	23.20	1.17	0.40	0.33	1.95	±0.1
	18	34/0.18	23.20	1.17	0.40	0.33	1.95	±0.1
	18	41/0.16	23.20	1.18	0.40	0.33	1.95	±0.1
	20	21/0.18	36.70	0.95	0.40	0.33	1.75	±0.1
	20	19/0.19	36.70	0.95	0.40	0.33	1.75	±0.1
	20	10/0.254	36.70	0.93	0.40	0.33	1.75	±0.1
	22	17/0.16	59.40	0.76	0.40	0.33	1.56	±0.1
	22	7/0.254	59.40	0.77	0.40	0.33	1.56	±0.1
	22	1/0.65	59.40	0.65	0.40	0.33	1.45	±0.1
	24	7/0.20	94.20	0.61	0.40	0.33	1.41	±0.1
	24	11/0.16	94.20	0.61	0.40	0.33	1.41	±0.1
	26	1/0.40	143	0.40	0.40	0.33	1.20	±0.1
	26	7/0.16	150.00	0.48	0.40	0.33	1.28	±0.1
	28	7/0.127	239.00	0.38	0.40	0.33	1.18	±0.1
	30	7/0.10	381.00	0.30	0.40	0.33	1.10	±0.1
Stranded conductor single diameter tolerances ±0.005mm; Solid conductor diameter tolerances ±0.01mm.								

Marking: E211048 AWM STYLE 1007 NO.AWG 80℃ 300V VW-1 PVC QIFURUI
C AWM I A 80℃ 300V FT1 -LF-
OR: E211048 AWM STYLE 1007 NO. AWG 80℃ 300V VW-1 PVC QIFURUI 221756
CSA AWM I A 80℃ 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			3F
16AWG	☐ 100Ft	☒ 1000Ft	☐ 2000Ft	
18~30AWG	☐ 100Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging				