

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

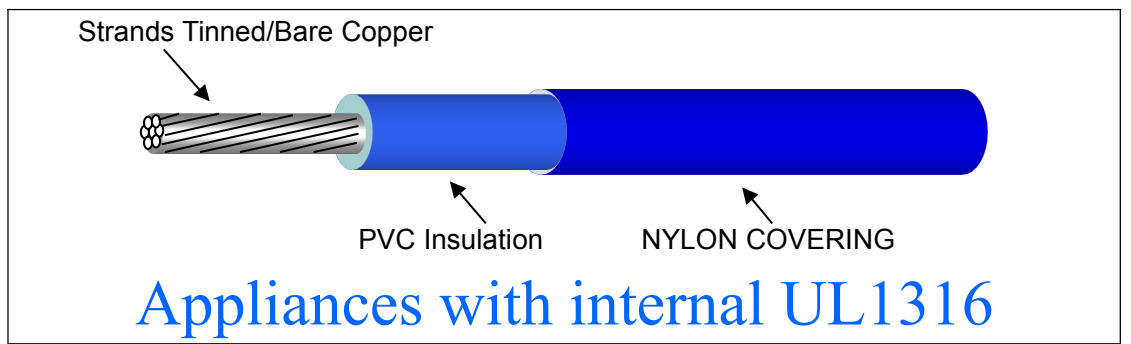
SHOULD BE USED:

General commercial, electronic electric appliance and equipment instrument internal connections。

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Appliances with internal UL1316

Wire structure description:
 Conductor: Tinned /Bare copper ;
 Insulation materials: PVC Insulation
 Covering materials:NYLON COVERING

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)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom	Nylon	Nom	Tole.
1316	12	65/0.254	5.64	2.42	0.40	0.15	3.50	±0.15
	12	1/2.05	5.64	2.05	0.40	0.15	3.15	±0.15
	12	19/0.50	5.64	2.51	0.40	0.15	3.60	±0.15
	14	41/0.254	8.96	1.92	0.40	0.10	2.90	±0.1
		1/1.63	8.78	1.63	0.40	0.10	2.60	±0.1
	16	26/0.254	14.6	1.50	0.40	0.10	2.50	±0.1
	18	1/1.02	22.20	1.02	0.40	0.10	2.02	±0.1
	18	41/0.16	23.2	1.18	0.40	0.10	2.16	±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 1316 NO.AWG 105°C 600V PVC(NYLON) QIFURUI 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				
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					