

CHARACTER:

1. Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、high of resistance to chemicals
- f、Chemistry stability is good

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、According to UL standard design

4. Environmental protection

- a、low smoke, non-halogen
- b、ROHS/REACH compliant

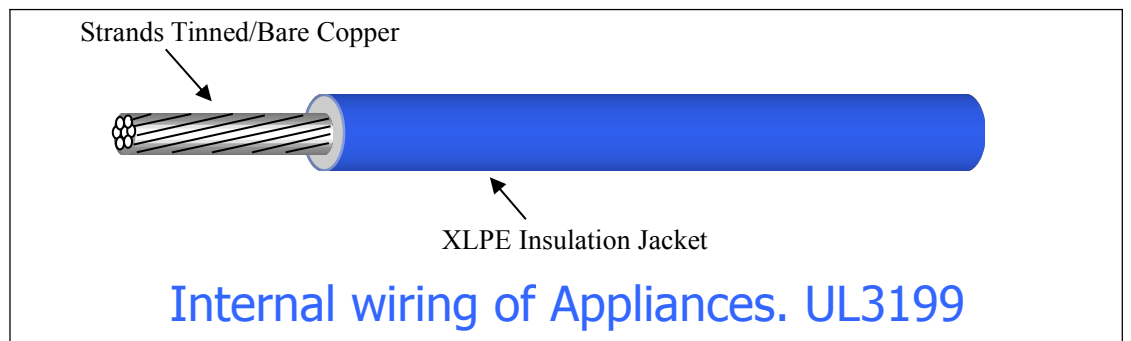
SHOULD BE USED:

Internal wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;
Insulation materials: XLPE Insulation

Internal wiring of Appliances. Conductor temperature not over 105°C XLPE insulated wire
Rated temperature: 105°C rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3199	16	26/0.254	14.60	1.50	0.40	0.33	2.30	±0.10
	18	16/0.254	23.20	1.17	0.40	0.33	1.95	±0.10
	20	21/0.18	36.70	0.95	0.40	0.33	1.75	±0.10
	22	17/0.16	59.40	0.76	0.40	0.33	1.56	±0.10
	24	11/0.16	94.20	0.61	0.40	0.33	1.41	±0.10
	26	7/0.16	150.00	0.48	0.40	0.33	1.28	±0.10
	28	7/0.127	239.00	0.38	0.40	0.33	1.18	±0.10
	30	7/0.10	381.00	0.30	0.40	0.33	1.10	±0.10

Marking: E211048 AWM STYLE 3199 NO.AWG 105°C 300V XLPE QIFURUI
AWM I A 105°C 300V FT2 -LF-
OR: E211048 AWM STYLE 3199 NO. AWG 105°C 300V XLPE QIFURUI 221756
CSA AWM I A 105°C 300V 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				
16AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
18~30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft	
According to customer requirements for packaging packaging					