

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

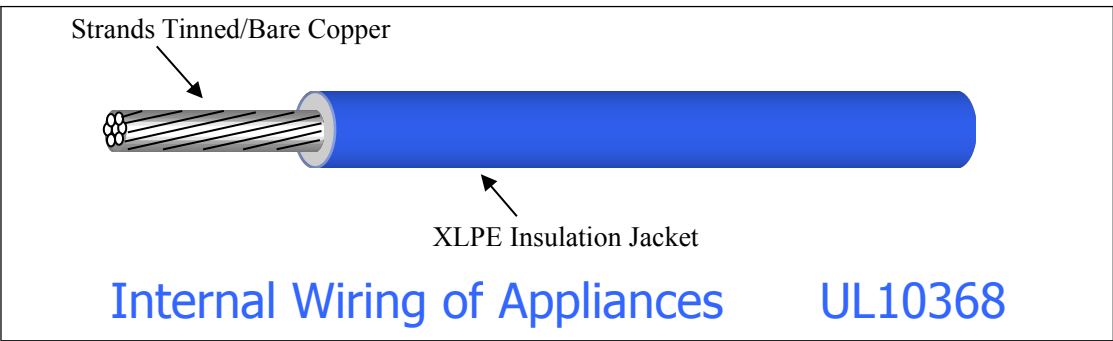
SHOULD BE USED:

Internal Wiring of Appliances where exposed to temperatures not exceeding 105 deg C.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: XLPE Insulation

Internal wiring 。 Conductor temperature not over 105℃ XLPE insulated wire
Rated temperature: 105℃ rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
10368	10	105/0.254	3.54	3.00	0.35	0.20	3.70	±0.15
	12	65/0.254	5.64	2.36	0.35	0.20	3.10	±0.15
	14	41/0.254	8.96	1.88	0.35	0.20	2.60	±0.15
	16	26/0.254	14.60	1.50	0.25	0.20	2.00	±0.10
	18	16/0.254	23.20	1.17	0.25	0.20	1.65	±0.10
	20	21/0.18	36.70	0.95	0.25	0.20	1.45	±0.10
	22	17/0.16	59.40	0.76	0.25	0.20	1.26	±0.10
	24	11/0.16	94.20	0.61	0.25	0.20	1.10	±0.10
	26	7/0.16	150.00	0.48	0.25	0.20	0.98	±0.10
	28	7/0.127	239.00	0.38	0.25	0.20	0.88	±0.10
	30	7/0.10	381.00	0.30	0.25	0.20	0.80	±0.10

Marking : E211048  AWM STYLE 10368 NO.AWG 105℃ 300V XLPE QIFURUI
c  AWM I A 105℃ 300V FT2 -LF-
OR: E211048  AWM STYLE 10368 NO.AWG 105℃ 300V XLPE QIFURUI 221756
CSA AWM I A 105℃ 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			
10AWG	☐ 250Ft	☒ 500Ft	☐ 1000Ft	☐ 2000Ft
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				