

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

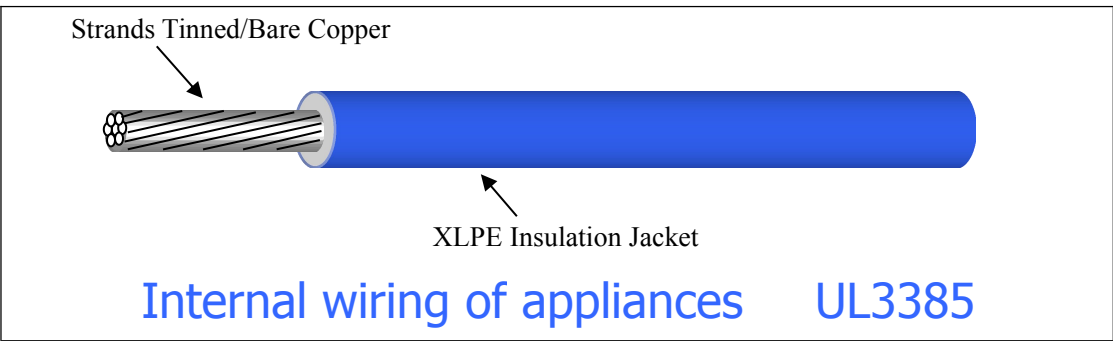
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



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

Internal wiring 。 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.
3385	10	105/0.254	3.54	3.00	0.50	0.43	4.00	±0.15
	12	65/0.254	5.64	2.36	0.50	0.43	3.36	±0.15
	14	41/0.254	8.96	1.88	0.50	0.43	2.90	±0.15
	16	19/0.30	14.60	1.51	0.40	0.33	2.30	±0.10
		26/0.254	14.60	1.50	0.40	0.33	2.30	±0.10
	18	19/0.254	23.2	1.28	0.40	0.33	2.08	±0.10
		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
		7/0.30	36.7	0.92	0.40	0.33	1.72	±0.10
		26/0.16	36.70	0.94	0.40	0.33	1.74	±0.10
	22	7/0.254	59.40	0.77	0.40	0.33	1.56	±0.10
		17/0.16	59.40	0.76	0.40	0.33	1.56	±0.10
	24	7/0.20	94.20	0.61	0.40	0.33	1.41	±0.10
		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 3385 NO.AWG 105℃ 300V XLPE QIFURUI
AWM I A 105℃ 300V FT2 -LF-
OR: E211048 AWM STYLE 3385 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				