

CHARACTER:

1. Physical performance

a. excellent mechanical properties:

Tensile strength ≥ 13.8MPa, elongation at break ≥ 150%

After aging:

Condition: 136 ± 1.0°C / 168H

Tensile strength residual rate ≥ 85% elongation at break ≥ 70%

b. Flame retardancy: FT2, horizontal burning, burning once, 30S each

time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

VW-1, vertical combustion, burning 5 times, each time 15S, any residual flame is not more than 60S.

c. Low temperature bending: -10°C ± 2°C/4H, no crack on the surface of

the sample is qualified

2. Electrical performance

a. rated temperature: 105°C rated voltage: 300V

b. Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 3KV AC

c. dielectric withstand voltage: 2.0KV, 60 seconds without breakdown

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

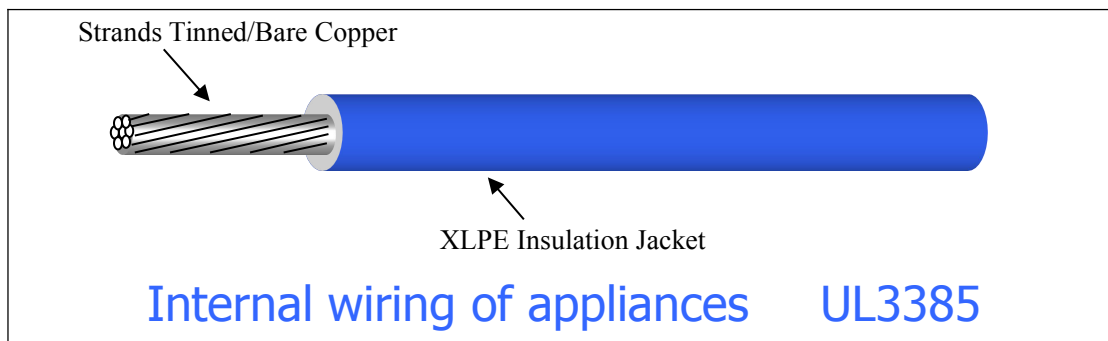
SHOULD BE USED:

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°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.
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
		34/0.18	23.20	1.21	0.40	0.33	2.01	±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°C 300V XLPE QIFURUI AWM I A 105°C 300V FT2 -LF-

OR: E211048 AWM STYLE 3385 NO.AWG 105°C 300V VW-1 XLPE QIFURUI AWM I A 105°C 300V FT2 -LF-

OR: E211048 AWM STYLE 3385 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				3F
10AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
12~16AWG	<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					