

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

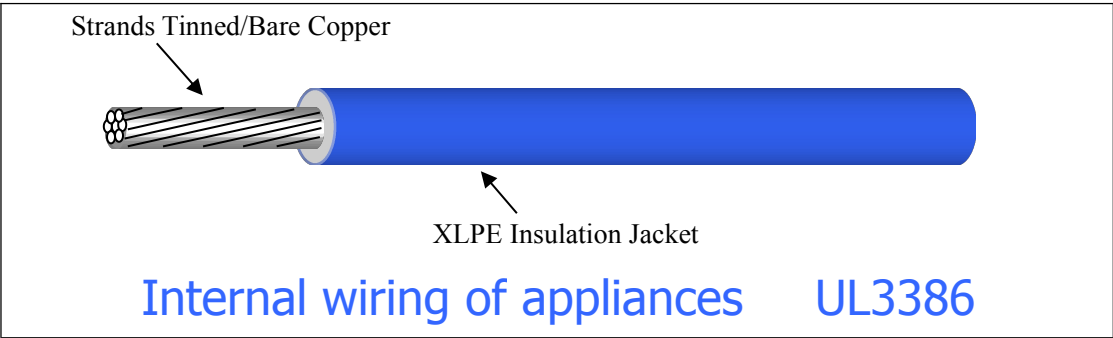
SHOULD BE USED:

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: 600V								
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.
3386	3/0	7/37/0.643	0.219	13.55	2.03	1.83	17.61	±0.30
	2/0	19/70/0.254	0.277	12.20	2.03	1.83	16.26	±0.30
	1/0	19/55/0.254	0.349	10.89	2.03	1.83	14.85	±0.30
	1	19/44/0.254	0.440	9.72	2.03	1.83	13.78	±0.20
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	3	7/28/0.404	0.700	7.41	1.52	1.37	10.45	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	5	7/46/0.254	1.113	5.96	1.52	1.37	9.00	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	7	7/30/0.254	1.768	4.82	1.15	1.01	7.12	±0.20
	8	168/0.254	2.230	3.80	1.15	1.01	6.10	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.10
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.10
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.10
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.10
	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10

Marking: E211048 AWM STYLE 3386 NO.AWG 105℃ 600V XLPE QIFURUI
AWM I A 105℃ 600V FT2 -LF-
E211048 AWM STYLE 3386 NO.AWG 105℃ 600V VW-1 XLPE QIFURUI
AWM I A 105℃ 600V FT1 -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			
3/0~4AWG	☐ 100Ft	☒ 250Ft	☐ 500Ft	☐ 1000Ft
5~8AWG	☐ 100Ft	☐ 250Ft	☒ 500Ft	☐ 1000Ft
According to customer requirements for packaging packaging				