

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

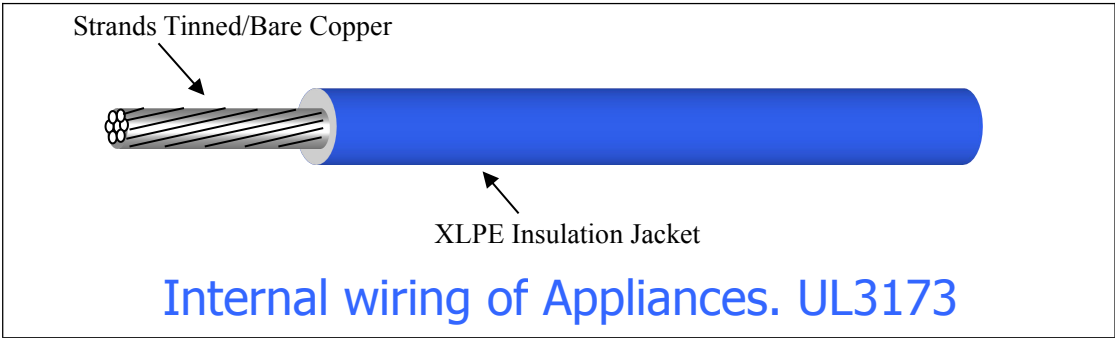
SHOULD BE USED:

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 125℃ XLPE insulated wire Rated temperature: 125℃ 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.	Min	Max
3173	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	3.45	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.10
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.10
	18	34/0.18	23.20	1.21	0.80	0.69	2.80	±0.10
	18	19/0.235	23.20	1.18	0.80	0.69	2.78	±0.10
	20	1/0.813	35.20	0.813	0.80	0.69	2.41	±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

Marking: E211048 AWM STYLE 3173 NO.AWG 125℃ 600V VW-1 XLPE QIFURUI
c AWM I A 125℃ 600V FT2 -LF-
E211048 AWM STYLE 3173 NO.AWG 125℃ 600V XLPE QIFURUI c AWM I A
125℃ 600V FT2 -LF-
OR: E211048 AWM STYLE 3173 NO. AWG 125℃ 600V XLPE QIFURUI 221756
CSA AWM I A 125℃ 600V 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
18~26AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
According to customer requirements for packaging packaging				