

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

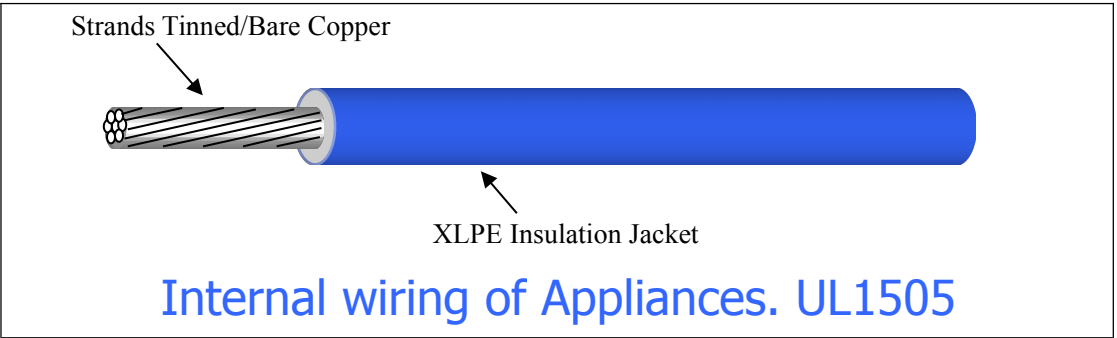
SHOULD BE USED:

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 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.	Min	Max
1505	1/0	19/55/0.254	0.349	10.88	2.00	1.78	14.90	±0.30
	01	19/44/0.254	0.440	9.73	2.00	1.78	13.75	±0.30
	02	7/95/0.254	0.555	8.58	1.60	1.45	11.80	±0.20
	04	7/60/0.254	0.8820	6.80	1.60	1.45	10.00	±0.20
	06	7/38/0.254	1.403	5.42	1.60	1.45	8.62	±0.20
	08	168/0.254	2.230	3.80	1.60	1.45	7.00	±0.15
	10	105/0.254	3.54	3.00	1.20	1.07	5.40	±0.15
	12	65/0.254	5.64	2.36	1.20	1.07	4.76	±0.15
	14	41/0.254	8.96	1.88	1.20	1.07	4.28	±0.15
	16	26/0.254	14.60	1.50	1.05	0.94	3.60	±0.15
	18	16/0.254	23.20	1.17	1.05	0.94	3.27	±0.10
	20	21/0.18	36.70	0.95	1.05	0.94	3.05	±0.10

Marking: E211048  AWM STYLE 1505 NO.AWG 105℃ 600V XLPE
QIFURUI  AWM I A 105℃ 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			
1/0~4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
18~20AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
According to customer requirements for packaging packaging				