

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、Chemistry stability is good
- f、Excellent resistance to impact ability

2.Electrical Properties

- a、Electrical insulation good
- b、Good the dielectric properties

3.Processing properties

- a、Using the hot extrusion processing
- b、Good processing properties Harness
- c、Harness processing process good compatibility
- d、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant

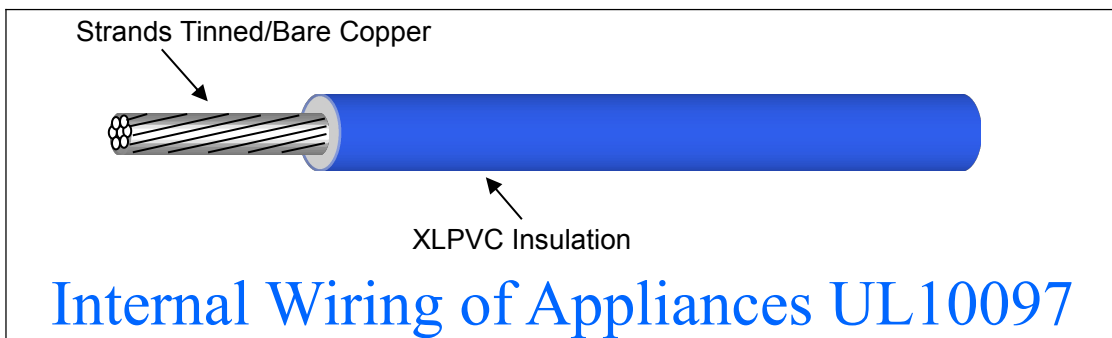
SHOULD BE USED:

Internal Wiring of Appliances where totally enclosed and subjected to mechanical abuse

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;
Insulation materials: XLPVC Insulation

Internal Wiring of Appliances , No more than 105 °C temperature of conducto occasion

Rated temperature: 105°C Rated voltage:600V

STYLE	SIZE AWG	Conductor construction (No./ mm) ±0.005	Conductor resistance 20°C (Ω/Km)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom.	Min.	Nom.	Tole.
1009 7	2	7/95/0.254	0.555	8.58	1.02	0.94	10.60	±0.20
	4	7/60/0.254	0.882	6.82	1.02	0.94	8.86	±0.20
	6	7/38/0.254	1.403	5.41	1.02	0.94	7.45	±0.20
	8	168/0.254	2.230	3.80	0.80	0.69	5.40	±0.15
	10	105/0.254	3.54	3.00	0.51	0.43	4.02	±0.15
	12	65/0.254	5.64	2.40	0.51	0.43	3.40	±0.15
	14	41/0.254	8.96	1.92	0.51	0.43	2.90	±0.15
	16	26/0.254	14.60	1.50	0.51	0.43	2.52	±0.1
	18	41/0.16	23.20	1.17	0.51	0.43	2.20	±0.1
	20	21/0.18	36.70	0.95	0.51	0.43	1.97	±0.1
	22	17/0.16	59.40	0.76	0.51	0.43	1.78	±0.1
	24	11/0.16	94.20	0.61	0.51	0.43	1.63	±0.1
	26	7/0.16	150.00	0.48	0.51	0.43	1.50	±0.1
28	7/0.127	239.00	0.38	0.51	0.43	1.40	±0.1	
30	7/0.10	381.0	0.30	0.51	0.43	1.32	±0.1	

Marking: E211048 AWM STYLE 10097 NO. AWG 105°C 600V VW-1 XLPVC QIFURUI AWM I A 105°C 600V FT1 -LF-
OR: E211048 AWM STYLE 10097 NO. AWG 105°C 600V VW-1 XLPVC QIFURUI 221756 CSA AWM I A 105°C 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				
2-6AWG	■ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
8-10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	■ 2000Ft	
12-16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	■ 2000Ft	
18-30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					