

CHARACTER:

1.Physical performance

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、Of high resistance to chemicals
- f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、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、Can be twisted pair and multi-core
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant

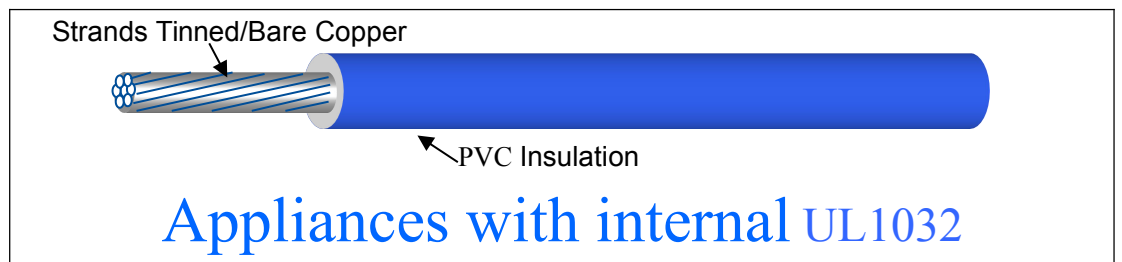
SHOULD BE USED:

General commercial, electronic electric appliance and equipment instrument internal connections。

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
 Conductor: Tinned /Bare copper
 Insulation materials: PVC Insulation

Appliances with internal, No more than 90 °C temperature of conductor occasion
 Rated temperature: 90°C Rated voltage: 1000V or 1200 V

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.
1032	8	168/0.254	2.230	3.80	1.15	1.02	6.10	±0.15
	10	105/0.254	3.54	3.00	0.76	0.69	4.52	±0.15
	12	65/0.254	5.64	2.40	0.76	0.69	3.92	±0.15
	12	1/2.05	5.64	2.05	0.76	0.69	3.57	±0.15
	14	1/1.63	8.78	1.63	0.76	0.69	3.15	±0.15
	14	41/0.254	8.96	1.92	0.76	0.69	3.44	±0.15
	16	19/0.30	14.60	1.51	0.76	0.69	3.03	±0.1
	16	26/0.254	14.60	1.50	0.76	0.69	3.02	±0.1
	18	41/0.16	23.20	1.17	0.76	0.69	2.69	±0.1
	18	34/0.18	23.20	1.21	0.76	0.69	2.73	±0.1
	18	16/0.254	23.20	1.17	0.76	0.69	2.69	±0.1
	18	7/0.39	23.20	1.19	0.76	0.69	2.71	±0.1
	18	1/1.02	23.20	1.02	0.76	0.69	2.54	±0.1
	20	1/0.813	23.20	0.813	0.76	0.69	2.33	±0.1
	20	21/0.18	36.70	0.95	0.76	0.69	2.47	±0.1
	20	7/0.30	36.70	0.92	0.76	0.69	2.44	±0.1
	20	26/0.16	36.70	0.94	0.76	0.69	2.46	±0.1
	22	17/0.16	59.40	0.76	0.76	0.69	2.28	±0.1
	22	7/0.254	59.40	0.77	0.76	0.69	2.29	±0.1
	22	1/0.65	56.40	0.65	0.76	0.69	2.17	±0.1
24	7/0.20	94.20	0.61	0.76	0.69	2.13	±0.1	
24	11/0.16	94.20	0.61	0.76	0.69	2.13	±0.1	
24	1/0.51	89.30	0.51	0.76	0.69	2.03	±0.1	
26	7/0.16	150.00	0.48	0.76	0.69	2.0	±0.1	
28	7/0.127	239.00	0.38	0.76	0.69	1.90	±0.1	
30	7/0.10	381.0	0.30	0.76	0.69	1.82	±0.1	

Stranded conductor single diameter tolerances ±0.005mm;
 Solid conductor diameter tolerances ±0.01mm.

Marking: E211048 AWM STYLE1032 NO.AWG 90°C 1000V VW-1 PVC QIFURUI
 AWM I A 90°C 1000V 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		
10~8AWG	■ 500Ft	□ 1000Ft	□ 2000Ft
12~16AWG	□ 500Ft	■ 1000Ft	□ 2000Ft
18~30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft



According to customer requirements for packaging packaging