

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

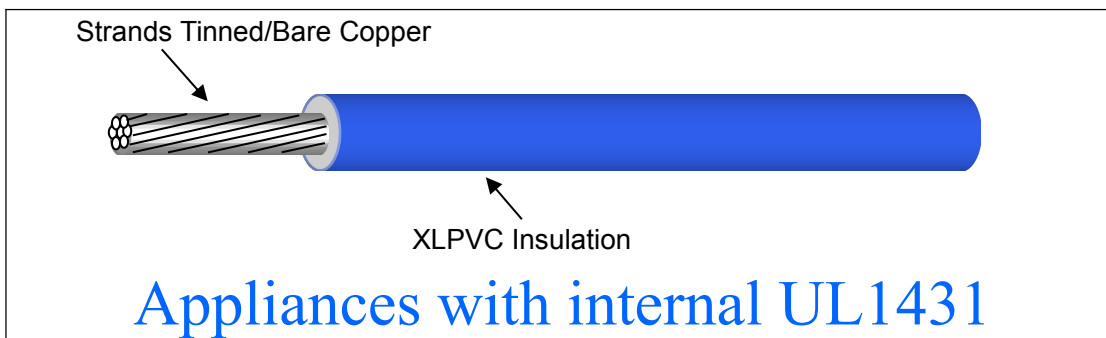
SHOULD BE USED:

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: XLPVC Insulation

Appliances with internal , No more than 105 °C temperature of conductor 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.
1431	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	8	168/0.254	2.230	3.80	1.15	1.02	6.10	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.42	0.80	0.69	3.96	±0.15
	14	41/0.254	8.96	1.92	0.80	0.69	3.54	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.1
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.1
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.1
	22	17/0.16	59.40	0.76	0.80	0.69	2.36	±0.1
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.1
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.1
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.1
30	7/0.10	381.00	0.31	0.80	0.69	1.91	±0.1	

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

Marking: E211048 AWM STYLE 1431 NO. AWG 105°C 600V VW-1 XLPVC QIFURUI AWM I A 105°C 600V FT1 -LF-
OR: E211048 AWM STYLE 1431 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				
10AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
12~16AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft	
18~30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft	

According to customer requirements for packaging packaging