

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

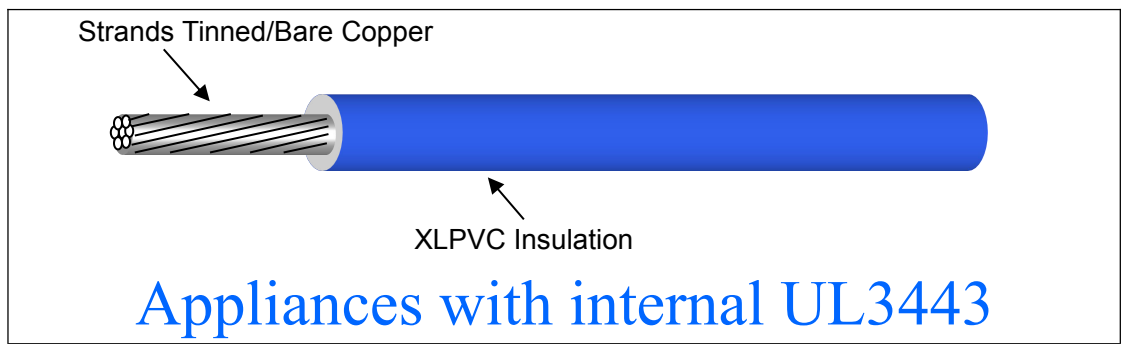
SHOULD BE USED:

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:300V

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.
3443	14	41/0.254	8.96	1.88	0.35	0.20	2.60	±0.10
	16	26/0.254	14.60	1.50	0.35	0.20	2.20	±0.10
	18	16/0.254	23.20	1.17	0.25	0.20	1.65	±0.10
	20	21/0.18	36.70	0.95	0.25	0.20	1.45	±0.10
	22	17/0.16	59.40	0.76	0.25	0.20	1.26	±0.10
	24	11/0.16	94.20	0.61	0.25	0.20	1.10	±0.10
	26	7/0.16	150.00	0.48	0.25	0.20	0.98	±0.10
	28	7/0.127	239.00	0.38	0.25	0.20	0.88	±0.10
	30	7/0.10	381.00	0.31	0.25	0.20	0.80	±0.10

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

Marking: E211048 AWM STYLE 3443 NO. AWG 105°C 300V VW-1 XLPVC QIFURUI AWM I A 105°C 300V FT1 -LF-
 OR: E211048 AWM STYLE 3443 NO. AWG 105°C 300V VW-1 XLPVC QIFURUI 221756 CSA AWM I A 105°C 300V 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				
14-30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft	

According to customer requirements for packaging packaging