

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

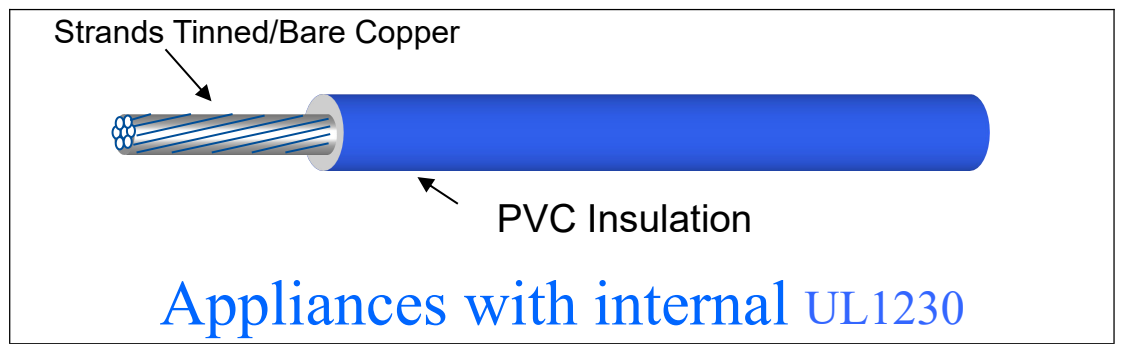
SHOULD BE USED:

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 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 or diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom	Min.	Nom.	Tole.
1230	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.40	0.80	0.69	4.00	±0.15
	14	41/0.254	8.96	1.92	0.80	0.69	3.52	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.1
	18	41/0.16	23.20	1.17	0.80	0.69	2.75	±0.1
	18	34/0.18	23.20	1.21	0.80	0.69	2.80	±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
	20	26/0.16	36.70	0.94	0.80	0.69	2.54	±0.1
	22	17/0.16	59.40	0.76	0.80	0.69	2.36	±0.1
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±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	

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

Marking: E211048 AWM STYLE 1230 NO.AWG 105°C 600V VW-1 PVC QIFURUI
 c AWM IA 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	■ 500Ft	□ 1000Ft	□ 2000Ft
12~16AWG	□ 500Ft	■ 1000Ft	□ 2000Ft
18~26AWG	□ 500Ft	□ 1000Ft	■ 2000Ft

According to customer requirements for packaging packaging

