

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

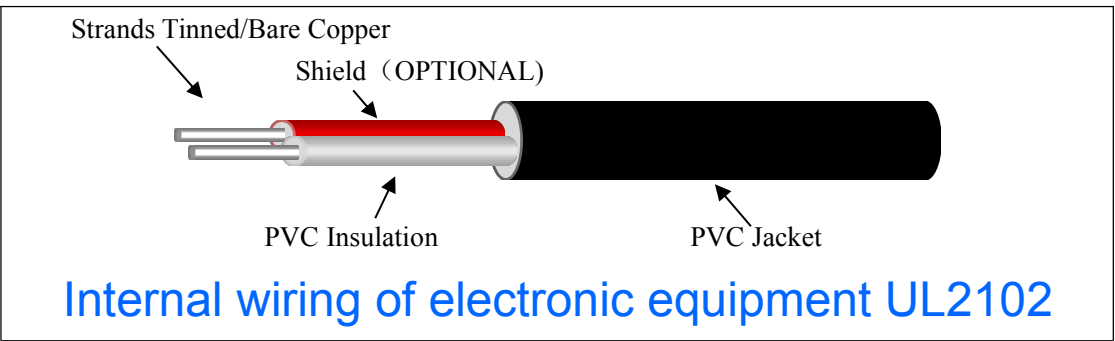
SHOULD BE USED:

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
Shield materials:tinned/bare copper or Aluminum foil warp (optional)
Jacket materials: PVC jacket

Internal wiring of electronic equipment , More than 105℃ environment temperature occasion											
Rated temperature: 105℃ Rated voltage:300V											
Part No.	Conductor				Insulation thickness (mm)		Jacket Thickness (mm)		Overall diameter (mm)		Conductor resistance 20℃ (Ω/Km)
	Cores No.	AWG	N0./mm	Dia. mm	Nom.	Min Dia.	Nom.	Min	Nom.	toler.	
2102	3	28	7/0.127	0.39	0.40	1.19	0.40	0.30	3.58	±0.15	239
	3	26	7/0.16	0.48	0.40	1.28	0.40	0.30	3.76	±0.15	150
	3	24	11/0.16	0.61	0.40	1.41	0.40	0.30	4.02	±0.15	94.2
	3	22	17/0.16	0.76	0.40	1.56	0.40	0.30	4.32	±0.15	59.4
	3	20	26/0.16	0.95	0.40	1.75	0.40	0.30	4.70	±0.20	36.7
	3	18	16/0.254	1.17	0.40	1.97	0.40	0.30	5.14	±0.20	23.2
	3	16	26/0.251	1.48	0.40	2.28	0.40	0.30	5.76	±0.20	14.6
Note:shield thickness 0.20mm											

Marking: E211048 AWM STYLE 2102 NO. AWG 105℃ 300V VW-1 PVC QIFURUI c AWM 1A 105℃ 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				
cores No.	Packing- Ft/roll			
3	☐ 100Ft	☐ 500Ft	☒ 1000Ft	
According to customer requirements for packaging packaging				