

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:

Internal Wiring of Appliances and Electronic Equipment or External Interconnection of Electronic Equipment.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Tinned/Bare Copper

PVC Insulation

PVC Jacket

Internal Wiring of Appliances and Electronic Equipment or External Interconnection of Electronic Equipment.     UL21014

**Wire structure description:**  
Conductor: Tinned /Bare copper ;  
Insulation materials: PVC Insulation  
Jacket materials: PVC jacket

| Internal or external wiring of electronic , More than 80℃ environment temperature occasion |           |      |         |         |                           |      |                       |      |                       |      |                                 |
|--------------------------------------------------------------------------------------------|-----------|------|---------|---------|---------------------------|------|-----------------------|------|-----------------------|------|---------------------------------|
| Rated temperature: 80℃ Rated voltage:300V                                                  |           |      |         |         |                           |      |                       |      |                       |      |                                 |
| Part No.                                                                                   | Conductor |      |         |         | Insulation thickness (mm) |      | Jacket Thickness (mm) |      | Overall diameter (mm) |      | Conductor resistance 20℃ (Ω/Km) |
|                                                                                            | CO RES    | AW G | N0./ mm | Dia. mm | Nom.                      | OD.  | Nom.                  | Min  | Nom.                  | Min  |                                 |
| 21014                                                                                      | 2         | 18   | 34/0.18 | 1.21    | 0.61                      | 2.43 | 0.61                  | 0.48 | 6.08                  | 5.82 | 23.20                           |
|                                                                                            | 2         | 20   | 21/0.18 | 0.95    | 0.61                      | 2.17 | 0.61                  | 0.48 | 5.56                  | 5.30 | 36.70                           |

**Marking :** E211048  AWM    STYLE 21014 NO. AWG 80℃ 300V    VW-1    PVC  
QIFURUI     AWM    1A 80℃ 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.(AWG)                                              | Packing- Ft/roll               |                                |                                            |  |
| 20-18                                                      | <input type="checkbox"/> 100Ft | <input type="checkbox"/> 500Ft | <input checked="" type="checkbox"/> 1000Ft |                                                                                       |
| According to customer requirements for packaging packaging |                                |                                |                                            |                                                                                       |