

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

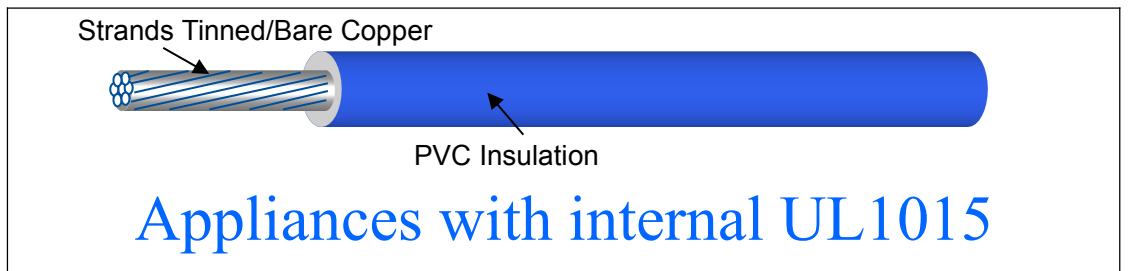
SHOULD BE USED:

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 diameter (mm) | insulation thickness (mm) | | Over diameter (mm) | |
|-------|----------|---|----------------------------------|-------------------------|---------------------------|------|--------------------|-------|
| | | | | | Nom. | Min. | Nom. | Tole. |
| 1015 | 10 | 105/0.254 | 3.54 | 3.00 | 0.80 | 0.69 | 4.60 | ±0.15 |
| | | 19/0.61 | 3.54 | 3.07 | 0.80 | 0.69 | 4.67 | ±0.15 |
| | | 66/0.32 | 3.54 | 3.00 | 0.80 | 0.69 | 4.60 | ±0.15 |
| | 12 | 65/0.254 | 5.64 | 2.36 | 0.80 | 0.69 | 3.96 | ±0.15 |
| | | 266/0.127 | 5.64 | 2.39 | 0.80 | 0.69 | 4.00 | ±0.15 |
| | | 168/0.16 | 5.64 | 2.39 | 0.80 | 0.69 | 4.00 | ±0.15 |
| | | 19/0.5 | 5.64 | 2.52 | 0.80 | 0.69 | 4.12 | ±0.15 |
| | 14 | 41/0.254 | 8.96 | 1.88 | 0.80 | 0.69 | 3.50 | ±0.15 |
| | 16 | 26/0.254 | 14.60 | 1.50 | 0.80 | 0.69 | 3.10 | ±0.1 |
| | 18 | 1/1.02 | 22.2 | 1.02 | 0.80 | 0.69 | 2.62 | ±0.1 |
| | 18 | 16/0.254 | 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 | 41/0.16 | 23.20 | 1.17 | 0.80 | 0.69 | 2.75 | ±0.1 |
| | 20 | 10/0.254 | 36.70 | 0.92 | 0.80 | 0.69 | 2.55 | ±0.1 |
| | 20 | 26/0.16 | 36.70 | 0.94 | 0.80 | 0.69 | 2.54 | ±0.1 |
| | 20 | 21/0.18 | 36.70 | 0.95 | 0.80 | 0.69 | 2.55 | ±0.1 |
| | 22 | 7/0.254 | 59.40 | 0.77 | 0.80 | 0.69 | 2.36 | ±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 | 381.0 | 0.30 | 0.80 | 0.69 | 1.90 | ±0.1 | |

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

Marking: E211048 AWM STYLE1015 NO.AWG105°C 600V VW-1 PVC QIFURUI
c AWM I A 105°C 600V FT1 -LF-
OR: E211048 AWM STYLE 1015 NO. AWG 105°C 600V VW-1 PVC 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 | ■ 500Ft | □ 1000Ft | □ 2000Ft |
| 12~16AWG | □ 500Ft | ■ 1000Ft | □ 2000Ft |
| 18~30AWG | □ 500Ft | □ 1000Ft | ■ 2000Ft |



According to customer requirements for packaging packaging