

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

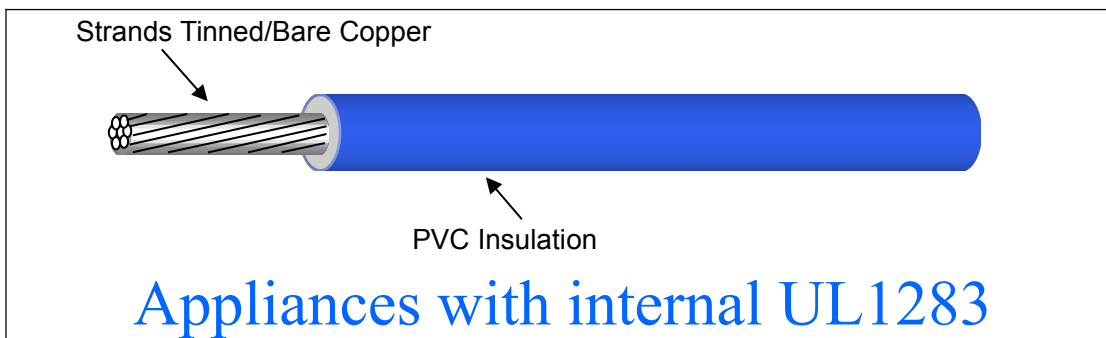
SHOULD BE USED:

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. |
| 1283 | 2 | 7/95/0.254 | 0.555 | 8.58 | 1.52 | 1.37 | 11.62 | ±0.20 |
| | 3 | 7/28/0.404 | 0.700 | 7.41 | 1.52 | 1.37 | 10.45 | ±0.20 |
| | 4 | 7/60/0.254 | 0.882 | 6.82 | 1.52 | 1.37 | 9.86 | ±0.20 |
| | 6 | 7/38/0.254 | 1.403 | 5.41 | 1.52 | 1.37 | 8.45 | ±0.20 |
| | 8 | 168/0.254 | 2.23 | 3.80 | 1.52 | 1.37 | 6.85 | ±0.15 |

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

Marking: E211048 AWM STYLE 1283 NO.AWG 105°C 600V VW-1 PVC QIFURUI
c AWM IA 105°C 600V FT1 -LF-
OR : E211048 AWM STYLE 1283 NO. AWG 105°C 600V VW-1 PVC QIFURUI
221756 CSA 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 | | | | |
| 2-8AWG | <input checked="" type="checkbox"/> 250Ft | <input type="checkbox"/> 500Ft | <input type="checkbox"/> 1000Ft | <input type="checkbox"/> 2000Ft | |

According to customer requirements for packaging packaging