

CHARACTERISTICS (特性):

- a、Excellent mechanical properties
(优良的机械性能)
- b、Excellent thermal stability
(优良的热稳定性)
- c、Using the hot extrusion processing
(使用热挤出加工)
- d、Low temperature soft good performance
(低温柔软性能良好)
- e、Can be twisted pair and multi-core
(可以对绞和多芯绞线)
- f、Good flame retardancy (VW-1)
(良好的阻燃性 VW-1)
- g、Electrical insulation good
(良好的电气绝缘性能)
- h、Of high resistance to chemicals
(耐化学药品性高)
- i、Chemistry stability is good
(化学稳定性好)
- j、low smoke, non-halogen
(低烟无卤)
- k、ROHS compliant
(符合 ROHS)
- l、Wide application, High cost
(应用广泛, 成本高)
- m、Thermosetting plastic
(热固性塑料)

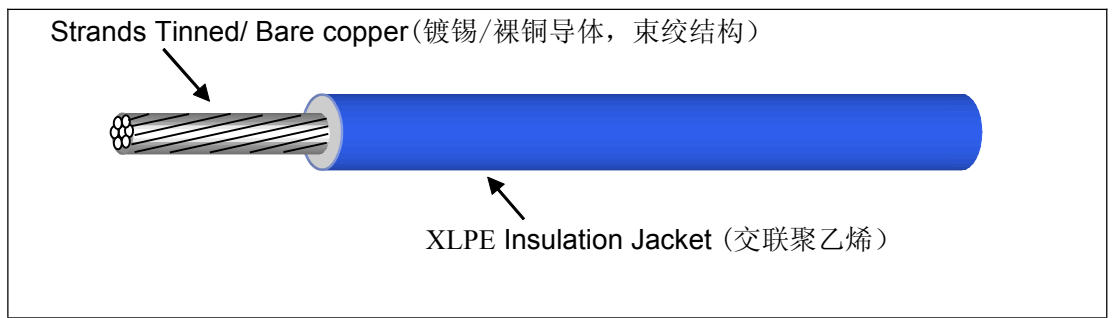
SHOULD BE USED (应用):

电器、电子设备内部连接线环境温度不超过 150℃ 场合。
Internal Wiring of Appliances and Electronic Equipment where exposed to temperatures not Exceeding 150℃.

REFERENCE (参考标准):

UL758-2010; UL1581-2009; CSA

Outline (概述):



Wire structure description(结构描述):

Conductor: Tinned/ Bare copper;
(导体结构: 镀锡/裸铜导体)
Jacket insulation materials: XLPE Insulation
(护套的绝缘材质: 交联聚乙烯)

电器、电子设备内部接线用导体温度为 105℃ 的单芯导体无护套电缆 UL3633

Rated temperature: 150℃ Rated Voltage 3KV AC

额定温度: 150℃ 额定电压: 3KV AC

| Type | AWG | Construction Conductor Dia.(mm) | Conductor resistance 20℃ (Ω/Km) | Conductor Dia.(mm) | jacket thickness (mm) | | Overall diameter(mm) | |
|------|-----|---------------------------------|---------------------------------|--------------------|-----------------------|------|----------------------|-------|
| | | | | | Nom. | Min. | Nom | Tole. |
| 3633 | 10 | 105/0.251 | 3.54 | 3.08 | 0.30 | 0.25 | 3.68 | ±0.15 |
| | 12 | 65/0.251 | 5.64 | 2.34 | 0.30 | 0.25 | 2.94 | ±0.15 |
| | 14 | 41/0.251 | 8.96 | 1.86 | 0.30 | 0.25 | 2.46 | ±0.15 |
| | 16 | 26/0.251 | 14.60 | 1.48 | 0.30 | 0.25 | 2.08 | ±0.10 |
| | 18 | 16/0.254 | 23.20 | 1.17 | 0.30 | 0.25 | 1.77 | ±0.10 |
| | 20 | 21/0.18 | 36.70 | 0.95 | 0.30 | 0.25 | 1.55 | ±0.10 |
| | 22 | 17/0.16 | 59.40 | 0.76 | 0.30 | 0.25 | 1.36 | ±0.10 |
| | 24 | 11/0.16 | 94.20 | 0.61 | 0.30 | 0.25 | 1.21 | ±0.10 |
| | 26 | 7/0.16 | 150.00 | 0.48 | 0.30 | 0.25 | 1.08 | ±0.10 |
| | 28 | 7/0.127 | 239.00 | 0.38 | 0.30 | 0.25 | 0.98 | ±0.10 |
| | 30 | 7/0.10 | 381.00 | 0.30 | 0.30 | 0.25 | 0.90 | ±0.10 |

注 20℃ 时导体最大直流电阻为镀锡铜导体电阻

Note: 20℃ maximum conductor dc resistance for tin copper conductor resistance

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.(型号) | Packing(包装方式)- Ft/roll | | | |
| 10AWG | <input type="checkbox"/> 250Ft | <input checked="" type="checkbox"/> 500Ft | <input type="checkbox"/> 1000Ft | <input type="checkbox"/> 2000Ft |
| 12~16AWG | <input type="checkbox"/> 250Ft | <input type="checkbox"/> 500Ft | <input checked="" type="checkbox"/> 1000Ft | <input type="checkbox"/> 2000Ft |
| 18~30AWG | <input type="checkbox"/> 250Ft | <input type="checkbox"/> 500Ft | <input type="checkbox"/> 1000Ft | <input checked="" type="checkbox"/> 2000Ft |



According to customer requirements for packaging packaging