# Flexible Hook-Up Wire/Appliance Wire Styles 3271/3289/3321/3505

150°C Dry. 600 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.

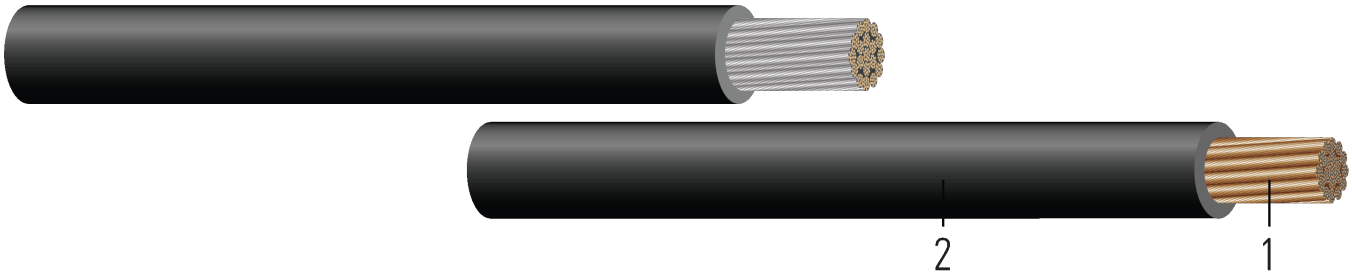



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Flexible stranded tinned copper per ASTM B33
2. **Insulation:** Irradiated Cross Linked Polyethylene (XLPE). All colors available; Stripes available upon request

## APPLICATIONS AND FEATURES:

Designed for use as internal wiring of electrical equipment, control panels, and appliances or for use as motor leads where not subject to movement or mechanical damage.

- AWM Style 3271: 125°C Dry
- AWM Style 3289: 150°C Dry
- AWM Style 3321: 150°C Dry
- AWM Style 3505: 150°C Dry
- CL1503: 150°C Dry
- AWM I A/B: 150°C Dry

## SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ASTM B173 Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- UL 758 Standard for Appliance Wiring Material
- CSA C22.2 No. 127 Equipment and Lead Wires
- CSA C22.2 No. 210 Appliance Wiring Material Products

## SAMPLE PRINT LEGEND:

XX AWG (XX{mm2}) E57498 {RU} AWM 3289/3505/3321 150°C OR 3271 125°C 600V IRR-XLPE -- 156205 CSA CL1503 150°C 600V OR AWM I A/B 150°C 600V



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## Table 1 – Physical and Electrical Data

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Cond. Metal | Diameter Over Cond. | Insul. Thickness | Approx. OD | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C |
|---|---|---|---|---|---|---|---|---|---|---|
| | AWG | No. | strands | | inch | mil | inch | lb /1000ft | Ω /1000ft | Ω /1000ft |
| AWM | | | | | | | | | | |
| F06029 | 6 | 1 | 133 | TCu | 0.186 | 30 | 0.335 | 120 | 0.435 | 0.524 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Ampacity


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