

# Flexible Hook-Up Wire/Appliance Wire Styles 3271/3289/3321/3505 150°C Dry. 600 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.

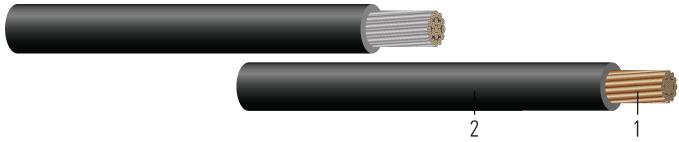


Image not to scale. See Table 1 for dimensions.

#### **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











## Table 1 – Physical and Electrical Data

| Stock<br>Number | Cond.<br>Size | Cond.<br>Number | Cond.<br>Strands | Cond.<br>Metal | Diameter Over<br>Cond. | Insul.<br>Thickness | Approx.<br>OD | Approx.<br>Weight | DC Resistance @<br>25°C | AC Resistance @ 75°C |
|-----------------|---------------|-----------------|------------------|----------------|------------------------|---------------------|---------------|-------------------|-------------------------|----------------------|
|                 | AWG           | No.             | strands          |                | inch                   | mil                 | inch          | lb /1000ft        | Ω /1000ft               | Ω /1000ft            |
| AWM             |               |                 |                  |                |                        |                     |               |                   |                         |                      |
| F18249          | 18            | 1               | 16               | TCu            | 0.044                  | 30                  | 0.110         | 9                 | 7.148                   | 8.613                |

All dimensions are nominal and subject to normal manufacturing tolerances

Ampacity









<sup>♦</sup> 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.