



## 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{mm<sup>2</sup>}) 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 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          |            |              |               |             |                     |                  |            |                |                      |                      |
| F10058       | 10         | 1            | 105           | TCu         | 0.125               | 30               | 0.181      | 40             | 1.081                | 1.302                |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

