



# Southwire® Viper® Flexible Hook-Up Wire/Appliance Wire Styles 3311/3279

90°C Dry. 600 Volts. Flexible Stranded Copper Conductor. EPDM Insulation.



Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Flexible stranded bare copper per ASTM B3
2. **Separator:** Mylar Tape
3. **Insulation:** Ethylene Propylene Diene Monomer (EPDM). All colors available; Stripes available upon request

## APPLICATIONS AND FEATURES:

Designed for use as internal wiring of electrical equipment and appliances or for use as leads of a transformer or motor.

- AWM Style 3311: 90°C Dry
- AWM Style 3279: 105°C Dry
- AWM Style 3699: 105°C Dry
- CL905: 90°C Dry
- VW-1

## SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B172 Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
- ASTM B173 Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members
- UL 758 Standard for Appliance Wiring Material
- CSA C22.2 No. 127 Equipment and Lead Wires

## SAMPLE PRINT LEGEND:

### AWG Sizes

XX AWG (XXmm<sup>2</sup>) E57498 {RU} AWM 3311 90°C OR 3279 105°C 600V VW-1 -- 156205 CSA CL905 90°C 600V ...RoHS-3 (EU) 2015/863 COMPLIANT...MADE IN USA

### Kcmil Sizes

XX Kcmil (XXmm<sup>2</sup>) E57498 {RU} AWM 3311 90°C OR 3699 105°C 600V VW-1 RoHS-3 (EU) 2015/863 COMPLIANT ... MADE IN USA





**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 3311/3279 |            |              |               |             |                     |                  |            |                |                      |                      |
| F3T106        | 3/0        | 1            | 1672          | Cu          | 0.481               | 95               | 0.719      | 662            | 0.072                | 0.089                |

All dimensions are nominal and subject to normal manufacturing tolerances

∅ Cable marked with this symbol is a standard stock item

\*All thicknesses are minimum average values

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

