



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 (XXmm²) 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 (XXmm²) 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

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 3311/3699									
350	1	3458	Cu	0.670	95	0.886	1259	0.035	0.043

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

