



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

Stock Number	Cond. Size	Cond. Strands	Cond. Metal	Diameter Over Cond.	Insul. Thickness	Approx. OD	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C
	AWG	strands		inch	mil	inch	lb /1000ft	Ω /1000ft	Ω /1000ft
AWM 3311/3279									
F08187	8	133	Cu	0.162	80	0.334	96	0.701	0.869
F06196	6	266	Cu	0.180	80	0.372	137	0.450	0.558
F04135	4	420	Cu	0.230	80	0.425	198	0.283	0.351
F02138	2	665	Cu	0.300	80	0.490	287	0.180	0.223
F01077	1	833	Cu	0.330	95	0.561	364	0.143	0.177
F1T101	1/0	1064	Cu	0.368	95	0.615	457	0.113	0.140
F2T105	2/0	1330	Cu	0.410	95	0.664	559	0.090	0.112
F3T106	3/0	1672	Cu	0.481	95	0.719	662	0.072	0.089
F4T108	4/0	2109	Cu	0.520	95	0.785	842	0.057	0.071
AWM 3311/3699									
F25013	250	2451	Cu	0.570	95	0.806	955	0.048	0.059
TBA	350	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

