



## Flexible Hook-Up Wire/Appliance Wire Style 3321

150°C Dry. 600 Volts. Flexible Stranded Copper Conductor. XLPE Insulation.

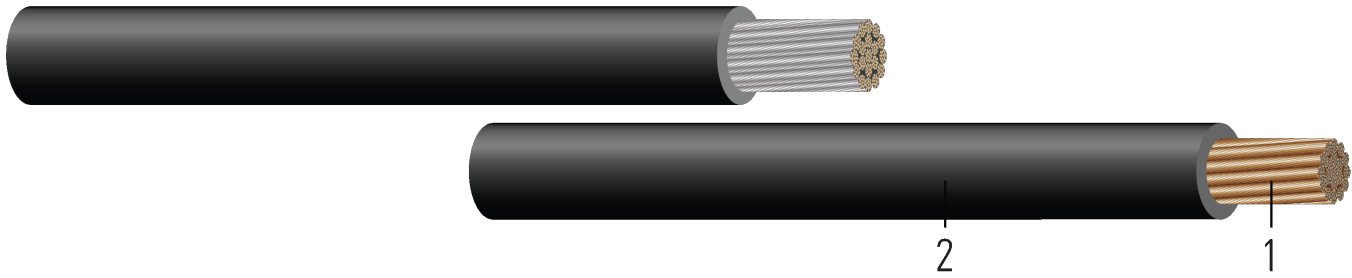


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Flexible stranded bare or tinned copper per ASTM B3 or B33
2. **Insulation:** 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: 150°C Dry

Rated for FT1

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- 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 3289/3321/3505 150C OR 3271 125C 600V AC 750V DC -- 156205 {CSA} CL1503 150C 600V OR AWM I A 150C 600V FT1 -- 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          |            |               |             |                     |                  |            |                |                      |                      |
| F22029       | 22         | 7             | TCu         | 0.028               | 30               | 0.090      | 5              | 16.400               | 16.890               |
| F20041       | 20         | 10            | TCu         | 0.037               | 30               | 0.103      | 7              | 11.319               | 13.638               |
| F18071       | 18         | 16            | Cu          | 0.044               | 30               | 0.108      | 9              | 7.148                | 8.613                |
| F18074       | 18         | 16            | TCu         | 0.044               | 30               | 0.108      | 9              | 7.148                | 8.613                |
| F16211       | 16         | 26            | Cu          | 0.059               | 30               | 0.119      | 13             | 4.487                | 5.406                |
| F16041       | 16         | 26            | TCu         | 0.059               | 30               | 0.121      | 13             | 4.487                | 5.406                |
| F14042       | 14         | 41            | Cu          | 0.073               | 30               | 0.136      | 18             | 2.814                | 3.391                |
| F14043       | 14         | 41            | TCu         | 0.073               | 30               | 0.136      | 19             | 2.814                | 3.391                |
| F12099       | 12         | 65            | Cu          | 0.094               | 30               | 0.155      | 27             | 1.774                | 2.137                |
| F12029       | 12         | 65            | TCu         | 0.094               | 30               | 0.155      | 27             | 1.774                | 2.137                |
| F10095       | 10         | 105           | Cu          | 0.125               | 30               | 0.170      | 39             | 1.081                | 1.302                |
| F10015       | 10         | 105           | TCu         | 0.125               | 30               | 0.170      | 39             | 1.081                | 1.302                |
| F08037       | 8          | 133           | TCu         | 0.145               | 55               | 0.257      | 74             | 0.679                | 0.818                |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ 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.

Ampacity

