



## Flexible Hook-Up Wire/Appliance Wire Styles 3499

150°C 7500 Volts. Flexible Stranded Tinned Copper Conductor. XLPE Insulation.

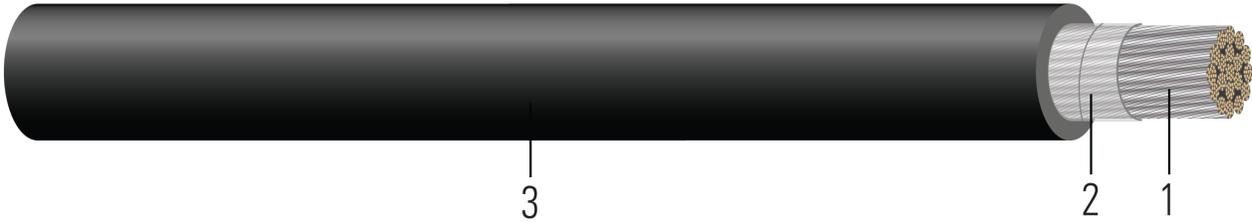


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Flexible stranded tinned copper. Bare copper available upon request
2. **Conductor Separator:** Mylar
3. **Insulation:** Black Cross-Linked Polyethylene (XLPE)

### APPLICATIONS AND FEATURES:

Designed for Internal Wiring Appliances, where no flexing occurs, either after installation or during servicing.

- AWM Style 3499: 150°C/7500V

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- 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

### SAMPLE PRINT LEGEND:

XX AWG (XX.XXmm<sup>2</sup>) E57498 (RU) AWM 3499 150C 7500V -- MADE IN USA





**Table 1 – Physical and Electrical Data**

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | 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          |            |              |               |                     |                  |            |                |                      |                      |
| F08082       | 8          | 1            | 84            | 0.140               | 130              | 0.431      | 126            | 0.679                | 0.818                |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item



Ampacity

