

## Flexible Hook-Up Wire/Appliance Wire Styles 1007/1569 or 1581/1589

80°C or 105°C Dry. 300 Volts. Flexible Stranded Copper Conductor. PVC Insulation.

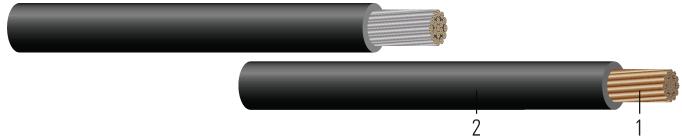


Image not to scale. See Table 1 for dimensions.

#### **CONSTRUCTION:**

- 1. Conductor: Class K, stranded bare copper or tinned copper per ASTM B3 or B8 and B174
- 2. **Insulation**: Polyvinyl Chloride (PVC). All colors available; Stripes available upon request

#### **APPLICATIONS AND FEATURES:**

For us in internal wiring of appliances or electronic equipment where not subject to movement or mechanical damage.

- AWM Style 1007: 80°C Dry, 300V. 24 16 AWG
- AWM Style 1569: 105°C Dry, 300V
- TR-64: 90°C Dry. 24 14 AWG
- AWM I A/B: 105°C Dry, 300V
- AWM Style 1581: 80°C Dry, 300V. 14 10 AWG
- Rated for VW-1 and FT1

#### **SPECIFICATIONS:**

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- UL 83 Thermoplastic Insulated Wires and Cables
- 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:**

24 - 16 AWG:

XX AWG (XX{mm2}) E57498 {RU} AWM 1569 105C OR 1007 80C 300V VW-1 -- 156205 {CSA} TR-64 90°C FT1 OR AWM I A/B 105C 300V FT1

14 AWG

14 AWG (2.08mm2) E57498 {RU} AWM 1569 105C OR 1581 80C 300V VW-1 -- 156205 {CSA} TR-64 90C FT1 OR AMW I A/B 105C 300V FT1

12 - 10 AWG:

XX AWG (XXmm2) E57498 {RU} 1569 105C OR 1581 80C 300V VW-1 -- 156205 {CSA} AWM I A/B 105C 300V FT1









# **Stock # F18035 | SPEC 51010**

### Table 1 – Physical and Electrical Data

| Stock<br>Number | Cond.<br>Size | Cond.<br>Number | Cond.<br>Strands | Cond.<br>Metal | Diameter Over<br>Cond. | Insul.<br>Thickness | Approx.<br>OD | Approx.<br>Weight | DC Resistance @<br>25°C | AC Resistance @ 75°C |
|-----------------|---------------|-----------------|------------------|----------------|------------------------|---------------------|---------------|-------------------|-------------------------|----------------------|
|                 | AWG           | No.             | strands          |                | inch                   | mil                 | inch          | lb /1000ft        | Ω /1000ft               | Ω /1000ft            |
| AWM             |               |                 |                  |                |                        |                     |               |                   |                         |                      |
| F18035          | 18            | 1               | 16               | Cu             | 0.044                  | 15                  | 0.079         | 7                 | 7.148                   | 8.613                |

All dimensions are nominal and subject to normal manufacturing tolerances

Ampacity









<sup>♦</sup> 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.