



## Flexible Hook-Up Wire/Appliance Wire Styles 1232/1284/1338/10269

105°C Dry. 75°C Moisture Resistant. 600/1000 Volts. Flexible Stranded Copper Conductor. PVC Insulation.

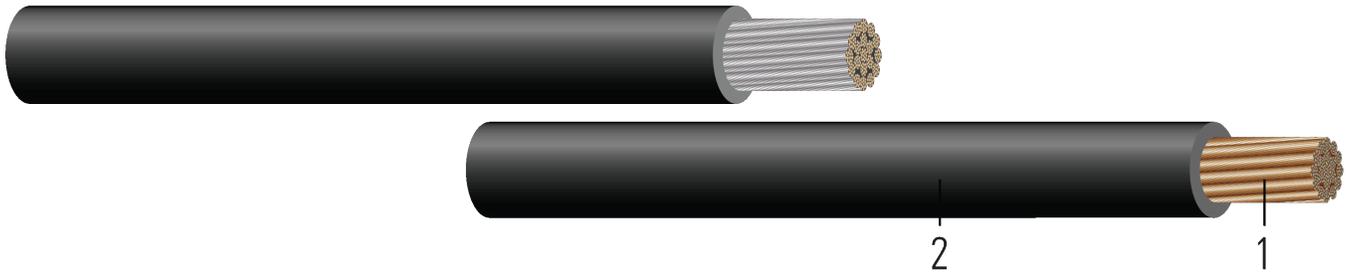


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Flexible stranded bare or tinned copper per ASTM B3 or B33
2. **Insulation:** Polyvinyl Chloride (PVC). All colors available; Stripes available upon request

### APPLICATIONS AND FEATURES:

Designed for internal wiring of electrical equipment, control panels, appliances, and ground for use on industrial plan floor. For use as permitted by National Electrical Code® Article 310, NFPA 70, and in boat wiring in accordance with 33 CFR 183.425-435.

- AWM Style 1232: 105°C Dry, 60°C Wet, 600V
- AWM Style 1284: 105°C Dry, 600V
- AWM Style 1338: 90°C Dry, 60°C Wet/Oil, 600V
- AWM Style 10269: 105°C Dry, 1000V
- THHW: 90°C Dry, 75°C Wet, 600V
- Machine Tool Wiring (MTW): 90°C Dry, 60°C Wet/Oil, 600V
- BC-5W2: 105°C Dry, 75°C Wet, 600V
- TEW: 105°C Dry, 600V
- AWM I A/B: 105°C Dry, 600V

Rated for Oil RES I, Sun Res, VW-1, FT1, and for CT USE (sizes 1/0 and larger)

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- SAE J1127 Surface Vehicle Standard Low Voltage Battery Cable
- UL 83 Thermoplastic Insulated Wires and Cables
- UL 758 Standard for Appliance Wiring Material
- UL 1063 Machine Tool Wiring (MTW)
- UL 1426 Electric Cables for Boats (BC-5W2)
- 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>}) E69567 {UL} BC-5W2 OR MTW OR THHW OR AWM 1232/1284/1338 600V OR 10269 1000V OIL RES I  
SUN RES VW-1 -- 156205 CSA TEW 105°C 600V FT1 OR AWM I A/B 105°C 600V FT1 -- SAE J1127 TYPE SGT





**Table 1 – Physical and Electrical Data**

| Stock Number | 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            |
| MTW/AWM/TEW  |            |              |               |             |                     |                  |            |                |                      |                      |
| F01041       | 1          | 0            | 259           | TCu         | 0.330               | 90               | 0.521      | 274            | 0.143                | 0.172                |
| F1T043       | 1/0        | 1            | 259           | Cu          | 0.390               | 80               | 0.561      | 404            | 0.113                | 0.136                |
| F2T040       | 2/0        | 1            | 259           | Cu          | 0.420               | 80               | 0.625      | 536            | 0.090                | 0.108                |
| F2T029       | 2/0        | 1            | 259           | TCu         | 0.420               | 80               | 0.660      | 557            | 0.090                | 0.108                |
| F3T034       | 3/0        | 1            | 259           | Cu          | 0.480               | 80               | 0.666      | 619            | 0.072                | 0.087                |
| F4T029       | 4/0        | 1            | 259           | Cu          | 0.580               | 90               | 0.785      | 801            | 0.057                | 0.069                |

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

