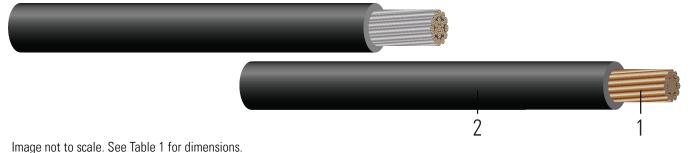


# Flexible Hook-Up Wire/Appliance Wire Styles 1232/1283/1346/10269 105°C Dry. 75°C Moisture Resistant. 600/1000 Volts. Flexible Stranded Copper Conductor. PVC Insulation.



## **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 1283: 105°C Dry, 600V
- AWM Style 1346: 105°C Dry, 75°C Wet, 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 B173 Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members
- 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

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#### **SAMPLE PRINT LEGEND:**

XXAWG (XXmm2) E69567 (UL) BC-5W2 OR MTW OR THHW OR AWM 1232/1283/1346 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

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### Table 1 – Physical and Electrical Data

Stock	Cond.	Cond.	Cond.	Cond.	Diameter Over	Insul.	Approx.	Approx.	25°C	AC Resistance @
Number	Size	Number	Strands	Metal	Cond.	Thickness	OD	Weight		75°C
F04042	AWG	No.	strands	TCu	Inch MTW/A 0.240	mil NM/TEW 60	inch 0.387	lb /1000ft 179	Ω /1000ft 0.279	Ω /1000ft 0.336

All dimensions are nominal and subject to normal manufacturing tolerances

 $\Diamond$  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.

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Ampacity