# Flexible Hook-Up Wire/Appliance Wire Style 1061/M16878 "Type B"

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

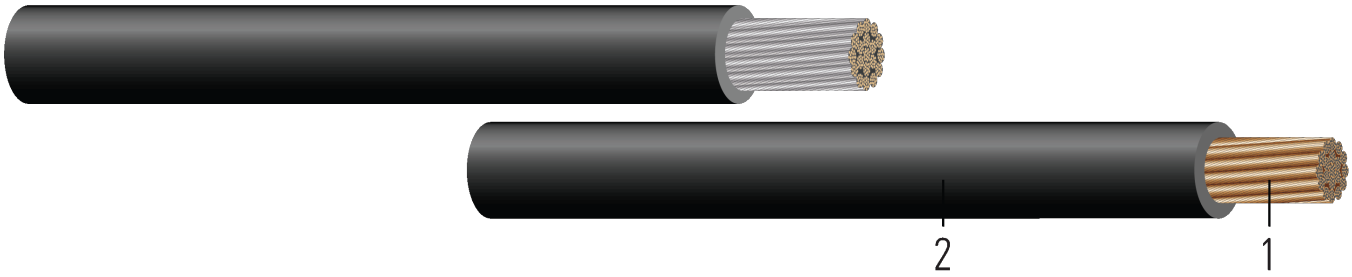


Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Class K, stranded bare or tinned copper per ASTM B3 or B33 and B174
2. **Insulation:** Polyvinyl Chloride (PVC). All colors available; Stripes available upon request

## APPLICATIONS AND FEATURES:

Designed for internal wiring in electric bookkeeping, accounting, time-recording machines, or electronic equipment within a chassis or protected from mechanical injury.

- AWM Style 1061: 80°C Dry, 300V
- AWM I A/B: 105°C Dry, 600V
- M16878 Type B: 105°C Dry, 600V

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 758 Standard for Appliance Wiring Material
- CSA C22.2 No. 210 Appliance Wiring Material Products
- Military Spec - M16878 Type B/1

## SAMPLE PRINT LEGEND:

XX AWG (XX{mm2}) E57498 {RU} AWM 1061 80C 300V VW-1 --- 156205 {CSA} AWM I A/B 80C 300V FT1 SR PVC --- M16878/1BJ 600V 105C TYPE B SW


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## 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 | | | | | | | | | |
| F24001 | 24 | 7 | TCu | 0.022 | 9 | 0.045 | 1 | 26.100 | 26.883 |
| F22014 | 22 | 7 | TCu | 0.028 | 9 | 0.051 | 2 | 16.400 | 16.520 |
| F20059 | 20 | 10 | TCu | 0.037 | 9 | 0.058 | 4 | 11.319 | 13.638 |
| F18032 | 18 | 16 | TCu | 0.044 | 9 | 0.067 | 6 | 7.148 | 8.613 |
| F16024 | 16 | 26 | TCu | 0.059 | 9 | 0.078 | 9 | 4.487 | 5.406 |

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


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