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

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

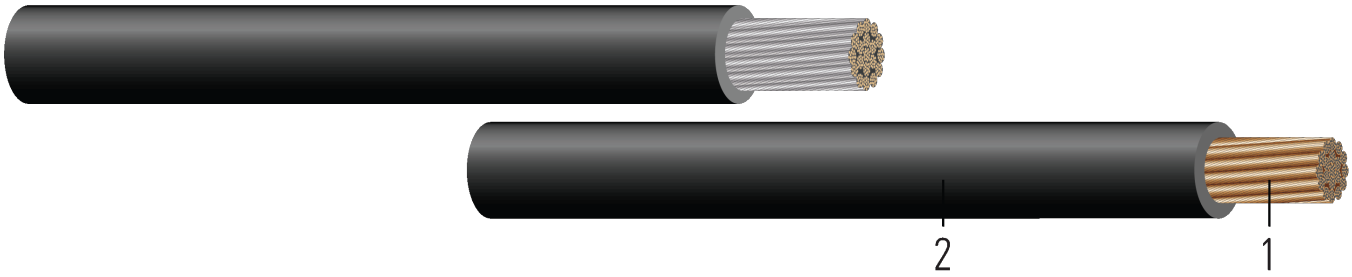

Image not to scale. See Table 1 for dimensions.

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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