Flexible Hook-Up Wire/Appliance Wire Styles 1056/1275

105°C Dry. 60°C Wet. 600 Volts. Flexible Stranded Copper Conductor. PVC Insulation.

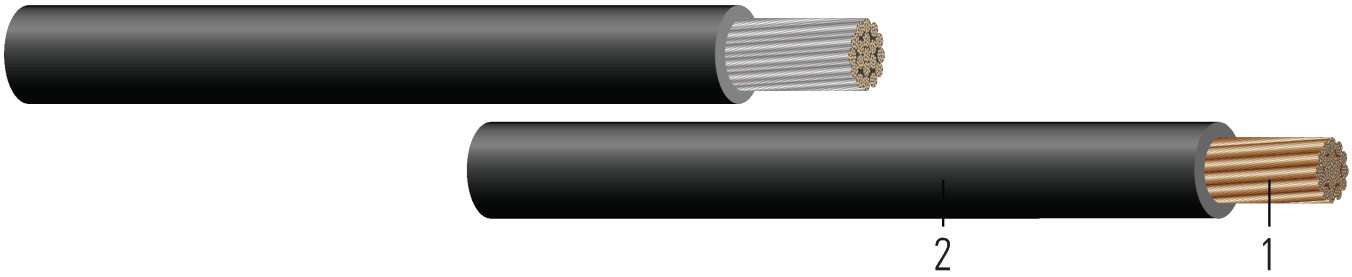

Image not to scale. See Table 1 for dimensions.

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 of electric refrigerating equipment, room air conditioner, room cooler units or remote outdoor condensing units for domestic cooling and for use as MTW as permitted by NFPA 79.

- AWM Style 1056: 105°C Dry, 600V
- AWM Style 1275: 105°C Dry, 60°C Wet, 600V
- Machine Tool Wiring (MTW): 90°C Dry, 60°C Wet, 600V
- TEW: 105°C Dry, 600V
- AWM I A/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
- UL 1063 Machine Tool Wiring (MTW)
- CSA C22.2 No. 127 Equipment and Lead Wires
- CSA C22.2 No. 210 Appliance Wiring Material Products

SAMPLE PRINT LEGEND:

XX AWG (XX{mm2}) E51583 {UL} MTW OR AWM 1056/1275 600V VW-1 --- 156205 {CSA} TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

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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
MTW/AWM/TEW									
F18065	18	16	TCu	0.044	60	0.174	18	7.148	8.613
F18061	18	16	Cu	0.044	60	0.174	18	7.148	8.613
F16037	16	26	TCu	0.059	60	0.186	22	4.487	5.406
F16035	16	26	Cu	0.059	60	0.186	22	4.487	5.406
F14039	14	41	TCu	0.073	60	0.196	28	2.814	3.391
F10115	10	105	Cu	0.125	60	0.240	52	1.081	1.302

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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