



Flexible Hook-Up Wire/Appliance Wire Styles 1007/1569 or 1581/1589

80°C or 105°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 copper or tinned copper per ASTM B3 or B8 and B174
2. **Insulation:** Polyvinyl Chloride (PVC). All colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

For use in internal wiring of appliances or electronic equipment where not subject to movement or mechanical damage.

- AWM Style 1007: 80°C Dry, 300V. 24 - 16 AWG
- AWM Style 1569: 105°C Dry, 300V
- TR-64: 90°C Dry. 24 - 14 AWG
- AWM I A/B: 105°C Dry, 300V
- AWM Style 1581: 80°C Dry, 300V. 14 - 10 AWG
- 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 83 Thermoplastic Insulated Wires and Cables
- UL 758 Standard for Appliance Wiring Material
- CSA C22.2 No. 127 Equipment and Lead Wires
- CSA C22.2 No. 210 Appliance Wiring Material Products

SAMPLE PRINT LEGEND:

24 - 16 AWG:

XX AWG (XX{mm²}) E57498 {RU} AWM 1569 105C OR 1007 80C 300V VW-1 -- 156205 {CSA} TR-64 90°C FT1 OR AWM I A/B 105C 300V FT1

14 AWG:

14 AWG (2.08mm²) E57498 {RU} AWM 1569 105C OR 1581 80C 300V VW-1 -- 156205 {CSA} TR-64 90C FT1 OR AMW I A/B 105C 300V FT1

12 - 10 AWG:

XX AWG (XXmm²) E57498 {RU} 1569 105C OR 1581 80C 300V VW-1 -- 156205 {CSA} AWM I A/B 105C 300V FT1





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
AWM										
F24002	24	0	7	TCu	0.022	15	0.057	2	26.100	26.883
F24008	24	1	7	Cu	0.022	15	0.057	2	26.100	26.883
F22021	22	1	7	TCu	0.028	15	0.062	3	16.400	16.520
F22016	22	1	7	Cu	0.028	15	0.062	3	16.400	16.520
F20030	20	1	10	TCu	0.037	15	0.067	4	11.319	13.638
F20027	20	1	10	Cu	0.037	15	0.067	4	11.319	13.638
F18041	18	1	16	TCu	0.044	15	0.079	6	7.148	8.613
F18035	18	1	16	Cu	0.044	15	0.079	7	7.148	8.613
F16025	16	1	26	TCu	0.059	15	0.091	10	4.487	5.406
F16093	16	1	26	Cu	0.059	15	0.091	10	4.487	5.406
F14028	14	1	41	TCu	0.073	16	0.110	15	2.814	3.391
F14188	14	1	41	Cu	0.073	16	0.110	15	2.814	3.391
F12035	12	1	65	TCu	0.094	16	0.123	23	1.774	2.137
F12129	12	1	65	Cu	0.094	16	0.123	23	1.774	2.137

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

