Flexible Hook-Up Wire/Appliance Wire Styles 3340/3374

125°C Dry Flexing/150°C Dry Non Flexing. 600 Volts. Flexible Stranded Tinned Copper Conductor. XLPE Insulation.

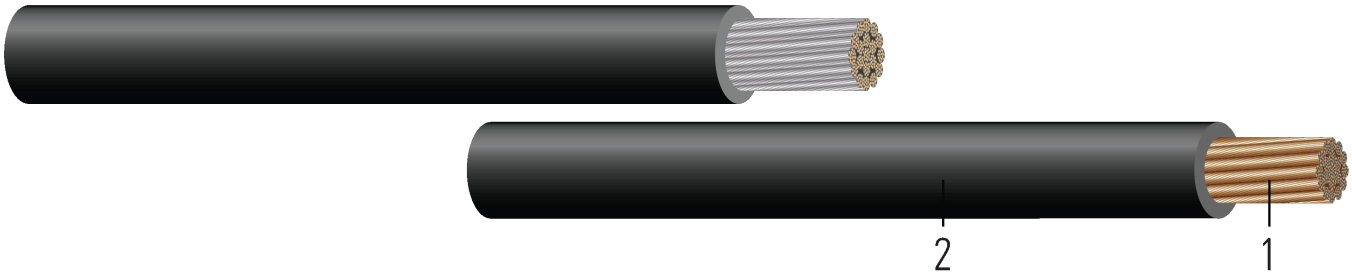

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded tinned copper per ASTM B33 and B173 or B174 (bare copper available upon request)
2. **Conductor Separator:** Paper separator (for sizes 6 AWG and larger)
3. **Insulation:** Black Cross-Linked Polyethylene (XLPE)

APPLICATIONS AND FEATURES:

Designed for motor leads and internal wiring of appliance where exposed to temperatures not exceeding 125°C. Where no flexing occurs either after installation or during servicing, temperatures not to exceed 150°C.

- AWM Style 3340: 125°C Dry
- AWM Style 3374: 125°C Dry
- CL1503: 150°C Dry
- AWM I A/B: 125°C Dry

Rated for FT2

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ASTM B173 Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- 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:

XX AWG (XX{mm2}) E57498 {RU} AWM 3340 OR 3374 125°C(FLEX)/150°C(NO-FLEX) 600V -- 156205 {CSA} CL1503 150°C 600V OR AWM I A/B 125°C 600V FT2 -- MADE IN USA

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Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Cond. Strands	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								
F18176	18	16	0.044	45	0.140	12	7.148	8.613
F16103	16	26	0.059	45	0.153	16	4.487	5.406
F14168	14	41	0.073	45	0.168	22	2.814	3.391
F12062	12	65	0.094	45	0.187	31	1.774	2.137
F10024	10	105	0.125	50	0.216	46	1.081	1.302
F08036	8	84	0.145	65	0.297	83	0.679	0.818
F06101	6	133	0.186	90	0.345	124	0.435	0.524
F04045	4	133	0.235	75	0.392	176	0.274	0.330
F02015	2	133	0.290	90	0.465	344	0.172	0.207
F01055	1	833	0.300	90	0.520	257	0.137	0.164
F1T029	1/0	259	0.379	90	0.596	409	0.109	0.131
F2T032	2/0	1330	0.400	90	0.610	508	0.087	0.104
F3T024	3/0	1672	0.480	90	0.694	634	0.069	0.083
F4T034	4/0	2109	0.530	90	0.720	751	0.055	0.067
F25003	250	2451	0.560	90	0.770	889	0.048	0.063

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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