Flexible Hook-Up Wire/Appliance Wire Styles 3499

150°C 7500 Volts. Flexible Stranded Tinned Copper Conductor. XLPE Insulation.

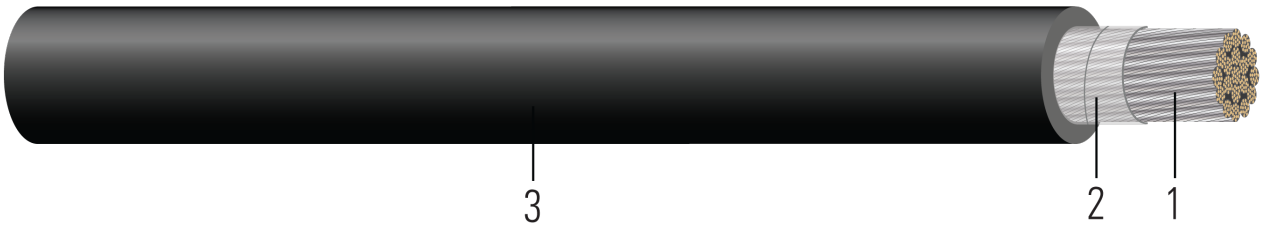


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Flexible stranded tinned copper. Bare copper available upon request
2. **Conductor Separator:** Mylar
3. **Insulation:** Black Cross-Linked Polyethylene (XLPE)

APPLICATIONS AND FEATURES:

Designed for Internal Wiring Appliances, where no flexing occurs, either after installation or during servicing.

- AWM Style 3499: 150°C/7500V

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

SAMPLE PRINT LEGEND:

XX AWG (XX.XXmm2) E57498 (RU) AWM 3499 150C 7500V -- 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								
F08082	8	84	0.140	130	0.431	126	0.679	0.818
F06076	6	84	0.180	130	0.473	168	0.435	0.524
F04046	4	133	0.240	145	0.526	230	0.274	0.330
F02076	2	665	0.297	135	0.560	308	0.172	0.207
F1T039	1/0	1064	0.365	140	0.635	452	0.109	0.131
F2T034	2/0	1330	0.409	130	0.675	544	0.087	0.104
F3T026	3/0	1672	0.460	125	0.740	663	0.069	0.083
F4T027	4/0	259	0.565	135	0.854	861	0.055	0.067

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item

Ampacity

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