

UL AWM Styles 3173/3195/3196

CSA CL 1251 XLPE

Solid or Stranded Soft Bare or Tinned Copper Conductor. XLPE insulation.
125°C Normal Operating Temperature. 600 Volts.
RoHS



APPLICATION

Leads for transformers, motors, ballasts, solenoids, etc. where normal operating temperature will not exceed 125°C (257°F). Also gasoline vapor resistant.

SPECIFICATIONS

- CSA Spec. C22.2, No 116; File Listing: LL90458
- **UL Recognized Component for the following Styles:**
- UL AWM Style 3173 for Sizes 18 AWG - 10 AWG; E49677
- UL AWM Style 3195 for Sizes 8 AWG; E49677
- UL AWM Style 3196 for Sizes 6 AWG - 2 AWG; E49677
- RoHS

CONSTRUCTION

Solid or stranded, bare or tinned copper conductor with overall Crosslinked Polyethylene (XLPE) insulation. Available in all colors except clear and transparent. Colors subject to economic order quantity.



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CL 1251/AWM 3173

Conductor		Insulation Thickness (mils)	Nominal O.D. (mils)	Approximate Net Weight Per 1000' (lbs)	Ampacity 30°C Ambient (amps)		
Size (AWG or kcmil)	No. Wire				60°C	75°C	90°C
18	16	30	0.111	9.86	--	--	--
16	21	30	0.122	13.42	--	--	--
14	41	30	0.136	19.10	20	20	20
12	65	30	0.158	28.21	25	25	25
10	105	30	0.182	41.25	40	40	40
8	133	45	0.260	71.89	55	65	70
6	133	60	0.333	117.20	80	95	100
4	133	60	0.389	174.42	105	125	135
2	133	60	0.459	247.43	140	170	180

Sizes 18 AWG - 10 AWG meet AWM Style 3173
 Size 8 AWG meets AWM Style 3195
 Sizes 6 AWG - 2 AWG meet AWM Style 3196



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