ETFE 200°C 300V UL 10109

Flexible UL/CSA Approved Lead Wire, Temp Rating 200°C

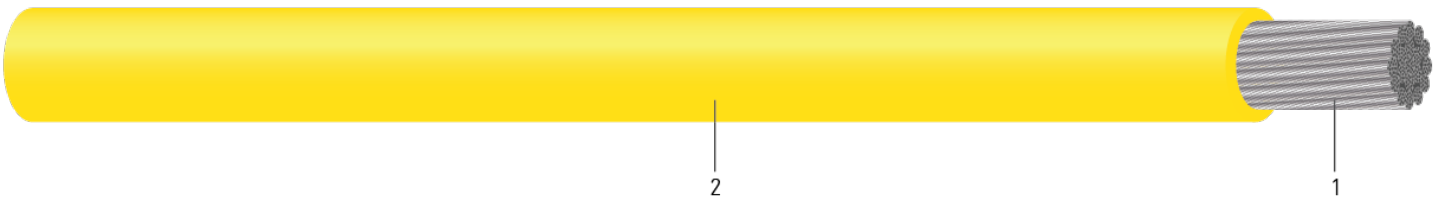

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Extruded ETFE fluoropolymer jacket

APPLICATIONS AND FEATURES:

Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products up to 200°C.

Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. Flexible. Good mechanical strength. Available in all colors.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- RoHS-3 Complies with European Directive 2015/863

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	inch	lb/1000ft	°C	Style/Type
CZ243X	24*	7	6	0.038	2	200	10109
CZ223X	22*	7	6	0.044	3	200	10109
CZ203X	20*	7	6	0.052	4	200	10109
CZ183A	18	7	6	0.062	7	200	10109
CZ163A	16	7	8	0.072	9	200	10109
CZ143A	14	7	8	0.087	14	200	10109
CZ123A	12	19	10	0.115	23	200	10109
CZ103A	10	37	10	0.139	35	200	10109
CZ083A	8	54	25	0.220	65	200	10109
CZ063A	6	84	25	0.243	97	200	10109
CZ043A	4	133	25	0.319	150	200	10109
CZ023A	2	133	35	0.408	243	200	10109
CZ013A	1	259	35	0.451	303	200	10109
CZ1T3A	1/0	259	45	0.518	389	200	10109
CZ2T3A	2/0	259	45	0.571	484	200	10109
CZ3T3A	3/0	259	45	0.610	565	200	10109
CZ4T3A	4/0	259	45	0.695	726	200	10109

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
Dimensions and weights for other cable configurations are available upon request.
*NPC Conductor required for 200°C Rating
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.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	kg/km	°C	Style/Type
CZ243X	24*	7	0.15	0.97	3	200	10109
CZ223X	22*	7	0.15	1.12	4	200	10109
CZ203X	20*	7	0.15	1.32	6	200	10109
CZ183A	18	7	0.15	1.57	10	200	10109
CZ163A	16	7	0.20	1.83	13	200	10109
CZ143A	14	7	0.20	2.21	21	200	10109
CZ123A	12	19	0.25	2.92	34	200	10109
CZ103A	10	37	0.25	3.53	52	200	10109
CZ083A	8	54	0.64	5.59	97	200	10109
CZ063A	6	84	0.64	6.17	144	200	10109
CZ043A	4	133	0.64	8.10	223	200	10109
CZ023A	2	133	0.89	10.36	362	200	10109
CZ013A	1	259	0.89	11.46	451	200	10109
CZ1T3A	1/0	259	1.14	13.16	579	200	10109
CZ2T3A	2/0	259	1.14	14.50	720	200	10109
CZ3T3A	3/0	259	1.14	15.49	841	200	10109
CZ4T3A	4/0	259	1.14	17.65	1080	200	10109

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