

FEP 200°C 1000V UL 10203

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

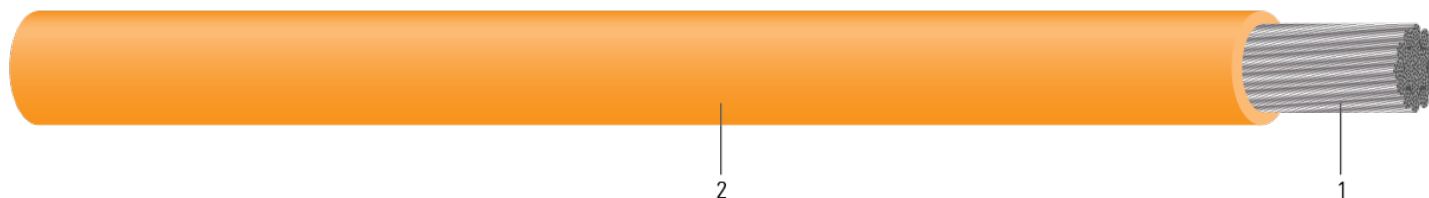


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

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

APPLICATIONS AND FEATURES:

Used for internal wiring of appliances. This product is suitable for immersion in gasoline, gasoline vapor, and immersion in oil to 80°C. Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. 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
- CSA AWM I A/B 600 FT1 FT2
- RoHS-3 Complies with European Directive 2015/863



Table 1 – Weights and Measurements

Stock Number	Cond. Size AWG/Kcmil	Cond. Strands strand	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Temp. Rating °C	Standard (UL or other) Style/Type
C3229Z	22*	7/.0100	20	0.070	5	200	10203
C3209Z	20*	7/.0126	20	0.080	7	200	10203
C3189A	18	7/.0152	20	0.090	10	200	10203
C3169A	16	7/.0192	20	0.100	13	200	10203
C3149A	14	7/.0242	20	0.110	17	200	10203
C3129A	12	19/.0179	20	0.130	25	200	10203
C3109A	10	37/.0159	20	0.160	35	200	10203
C3089A	8	54/.0179	30	0.220	60	200	10203
C3069A	6	84/.0179	30	0.235	95	200	10203
C3049A	4	133/.0177	30	0.295	145	200	10203
C3029A	2	133/.0223	30	0.340	220	200	10203
C3019A	1	259/.0177	45	0.460	320	200	10203
C31T9A	1/0	259/.0202	45	0.485	360	200	10203
C32T9A	2/0	259/.0229	45	0.515	460	200	10203
C33T9A	3/0	259/.0255	45	0.575	565	200	10203
C34T9A	4/0	259/.0286	45	0.675	755	200	10203

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

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size AWG/Kcmil	Cond. Strands strand	Insul. Thickness mm	Approx. OD mm	Approx. Weight kg/km	Temp. Rating °C	Standard (UL or other) Style/Type
C3229Z	22*	7/.0100	0.51	1.78	7	200	10203
C3209Z	20*	7/.0126	0.51	2.03	10	200	10203
C3189A	18	7/.0152	0.51	2.29	15	200	10203
C3169A	16	7/.0192	0.51	2.54	19	200	10203
C3149A	14	7/.0242	0.51	2.79	25	200	10203
C3129A	12	19/.0179	0.51	3.30	37	200	10203
C3109A	10	37/.0159	0.51	4.06	52	200	10203
C3089A	8	54/.0179	0.76	5.59	89	200	10203
C3069A	6	84/.0179	0.76	5.97	141	200	10203
C3049A	4	133/.0177	0.76	7.49	216	200	10203
C3029A	2	133/.0223	0.76	8.64	327	200	10203
C3019A	1	259/.0177	1.14	11.68	476	200	10203
C31T9A	1/0	259/.0202	1.14	12.32	536	200	10203
C32T9A	2/0	259/.0229	1.14	13.08	685	200	10203
C33T9A	3/0	259/.0255	1.14	14.60	841	200	10203
C34T9A	4/0	259/.0286	1.14	17.15	1124	200	10203

