ETFE 150°C (302°F) 600V TYPE Z

Flexible UL/CSA Approved Lead Wire, Temp Rating 150°C

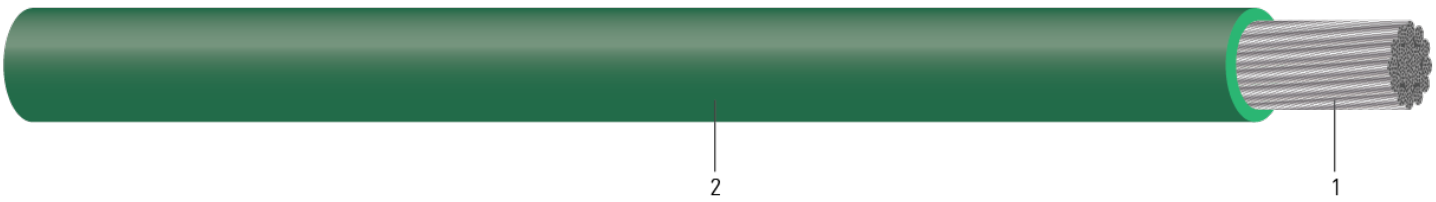


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

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

APPLICATIONS AND FEATURES:

For use in accordance with Article 310 of the National Electrical Code. 150°C Dry Locations - Special Applications. 90°C Dry and Damp Locations.

Type Z lead wires are 20% smaller in diameter than braided cables allowing more circuits per conduit. Excellent chemical resistance, excellent resistance to fluids, excellent resistance to cut through 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
- RoHS-3 Complies with European Directive 2015/863

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
CZ086Z	8	133	25	0.220	66	150	NEC Type Z

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.
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.

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
CZ086Z	8	133	0.64	5.59	98	150	NEC Type Z

We've got it MADE IN AMERICA

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

UPDATED: Dec. 31, 2024, 11:07 p.m.UTC REVISION: 1.000.000