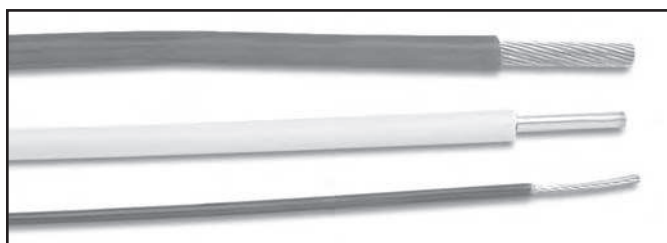


UL 1508, 1513, 1516, 1517, 1523, 1558; CSA 105° 150V wire



Construction Details

Insulation: Extruded ETFE, .0065" (.165 mm) wall thickness, exceeding the requirements of:

- UL 1508: .0055" (.14 mm),
- UL 1513: .005" (.13 mm),
- UL 1516: .004" (.10 mm),
- UL 1517: .006" (.15 mm),
- UL 1523: .005" (.13 mm),
- UL 1558: .004" (.10 mm),
- CSA: .005" (.13 mm).

Conductor: Tin-plated copper.

Colors: Available in 10 standard colors (see page 92).

Identification: None required (under .050" diameter).

Options: Silver- or nickel-plated copper or high-strength copper alloy conductor.

Ordering Information: Specify Thermax part number, UL style, and color.

Thermax part numbers shown below meet specifications for all listed UL and CSA styles.

To order with optional conductor materials:

For silver-plated copper conductor, change **MCFZ** in Thermax part number to **MCF**.

For silver-plated high-strength copper conductor, change **MCFZ** in Thermax part number to **MCFTF**.

For nickel-plated copper conductor, change **MCFZ** in Thermax part number to **MCFN**.

For nickel-plated high-strength copper conductor, change **MCFZ** in Thermax part number to **MCFTFN**.

Dimensions, Weights, and Resistance—UL 1508, 1513, 1516, 1517, 1523, 1558; CSA 105° 150V wires

AWG Size	Stranding	Conductor Diameter	Insulation Diameter	Weight	Maximum Resistance	Thermax P/N
20	19/32	.038 (.965)	.051 (1.30)	4.48 (6.67)	9.68 (31.8)	20-MCFZ-1932-UL/CSA
20	7/28	.038 (.965)	.051 (1.30)	4.35 (6.47)	9.96 (32.7)	20-MCFZ-728-UL/CSA
20	SOLID	.032 (.813)	.045 (1.14)	3.87 (5.76)	10.1 (33.1)	20-MCFZ-120-UL/CSA
22	19/34	.030 (.762)	.044 (1.12)	3.02 (4.49)	15.2 (49.9)	22-MCFZ-1934-UL/CSA
22	7/30	.030 (.762)	.044 (1.12)	2.93 (4.36)	15.8 (51.8)	22-MCFZ-730-UL/CSA
22	SOLID	.025 (.635)	.039 (.991)	2.57 (3.82)	16.2 (53.1)	22-MCFZ-122-UL/CSA
24	19/36	.024 (.610)	.037 (.940)	1.94 (2.89)	25.1 (82.3)	24-MCFZ-1936-UL/CSA
24	7/32	.024 (.610)	.037 (.940)	1.92 (2.86)	25.4 (83.3)	24-MCFZ-732-UL/CSA
24	SOLID	.020 (.508)	.033 (.838)	1.69 (2.52)	25.7 (84.3)	24-MCFZ-124-UL/CSA
26	19/38	.019 (.483)	.032 (.813)	1.34 (1.99)	40.1 (132)	26-MCFZ-1938-UL/CSA
26	7/34	.019 (.483)	.032 (.813)	1.34 (1.99)	41.2 (135)	26-MCFZ-734-UL/CSA
26	SOLID	.016 (.406)	.029 (.737)	1.15 (1.71)	41.0 (134)	26-MCFZ-126-UL/CSA
28	7/36	.015 (.381)	.028 (.711)	.870 (1.29)	66.0 (216)	28-MCFZ-736-UL/CSA
28	SOLID	.013 (.330)	.026 (.660)	.800 (1.19)	65.3 (214)	28-MCFZ-128-UL/CSA
30	7/38	.012 (.305)	.025 (.635)	.637 (.948)	107 (351)	30-MCFZ-738-UL/CSA
30	SOLID	.010 (.254)	.023 (.584)	.555 (.826)	104 (341)	30-MCFZ-130-UL/CSA
32	7/40	.009 (.229)	.022 (.559)	.457 (.680)	182 (597)	32-MCFZ-740-UL/CSA

Dimensions in inches (mm). Weights in pounds/1000 feet (Kg/1000 M). Resistance in Ω /1,000 feet (Ω /Km), @20° C.

All values are nominal unless otherwise indicated.

