

## RATINGS / APPROVALS

**250°C – 600 Volts - continuous temperature rating under normal service conditions**

**400°C – 600 Volts - temporary temperature rating for short periods**

## CONSTRUCTION

### Conductors

22 AWG – 4/0 AWG

Stranded nickel-coated copper-27%  
(Other conductor materials available)

### Insulating Construction

Reinforced mica and PTFE tapes  
Heat sealed PTFE moisture and fluid barrier

### Conductor Covering

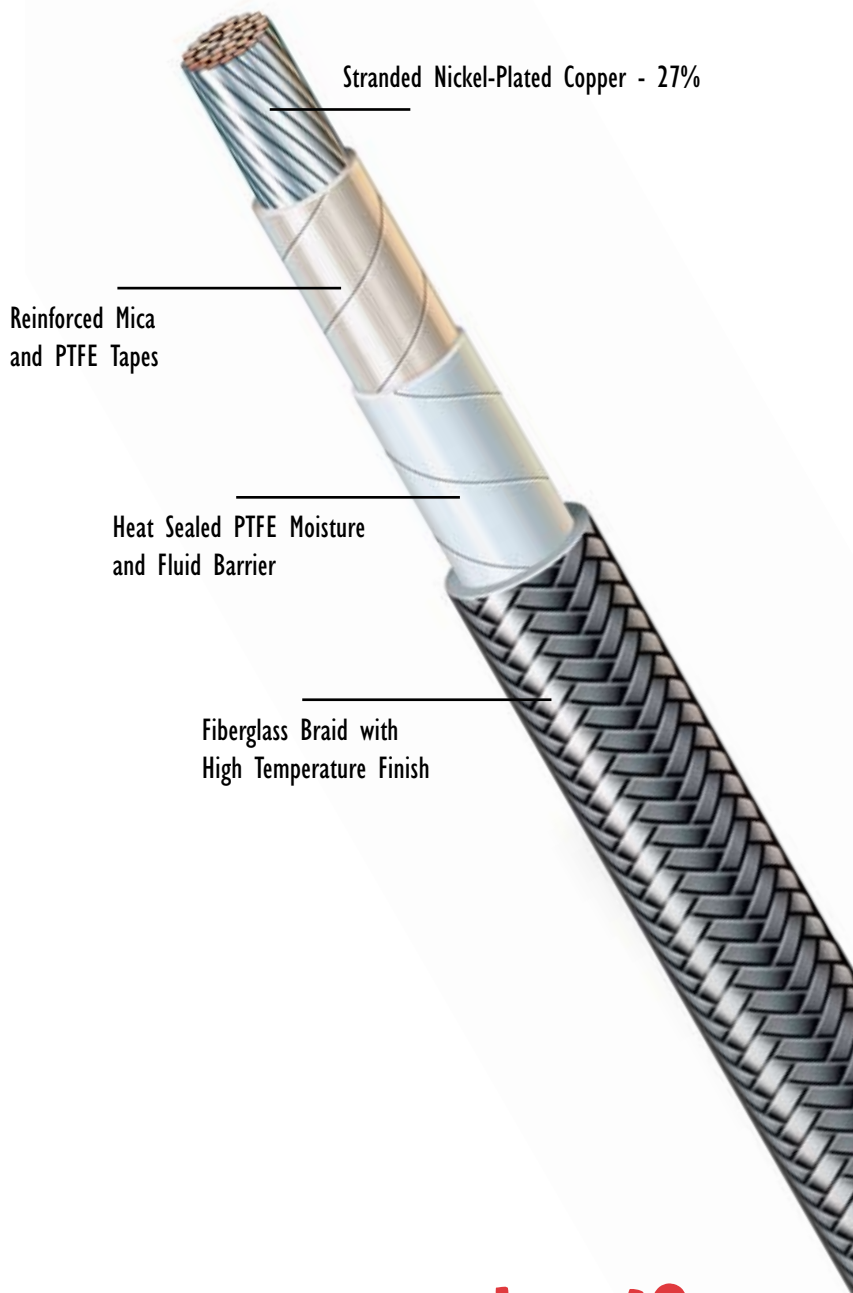
Braided fiberglass with a high temperature finish

### Standard Color Coding

Black or Natural

## CHARACTERISTICS

- Moisture, oil, fluid, and abrasion resistant
- Fire resistant, with low smoke properties
- Withstands mechanical abuse
- Not recommended for outdoor use



**Radix™**

Radix Wire Company

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# SPECIFICATIONS

# TEMPERGARD FZ 101 HIGH-TEMPERATURE LEAD WIRE

## TEMPERGARD FZ 101 250C-400C/600V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	UL	CSA
BLT22C007	22	7	0.084	2.13	5.8	8.63	n/a	n/a
BLT20C010	20	10	0.090	2.29	7.3	10.86	n/a	n/a
BLT18C016	18	16	0.098	2.49	9.5	14.13	n/a	n/a
BLT16C026	16	26	0.108	2.74	13.0	19.34	n/a	n/a
BLT14C041	14	41	0.127	3.23	19.1	28.42	n/a	n/a
BLT12C065	12	65	0.141	3.58	27.4	40.77	n/a	n/a
BLT10C105	10	105	0.179	4.55	42.4	63.10	n/a	n/a
BLT08C133	8	133	0.228	5.79	65.9	98.07	n/a	n/a
BLT06C133	6	133	0.270	6.86	97.6	145.25	n/a	n/a
BLT04C133	4	133	0.358	9.09	161.2	239.90	n/a	n/a
BLT02C259	2	259	0.432	10.97	249.8	371.76	n/a	n/a
BLT01C259	1	259	0.474	12.04	309.3	460.31	n/a	n/a
BLTX1C259	1/0	259	0.518	13.16	384.4	572.07	n/a	n/a
BLTX2C259	2/0	259	0.573	14.55	476.5	709.14	n/a	n/a
BLTX3C259	3/0	259	0.629	15.98	593.0	882.52	n/a	n/a
BLTX4C259	4/0	259	0.697	17.70	738.8	1099.50	n/a	n/a

Standard conductor: Nickel Plated Copper-2%

Consult factory for alternate conductor and stranding options.

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All dimensions listed above are nominal.

Compliance: UL Listed File No. E22244 • CSA Certified File No. LL13427 or LL80670

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire Company, Inc. is not responsible for any claim traceable to such error.



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