

450C/600V

TMMG MUDGUN 450

HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

450 C - 600 Volts

CONSTRUCTION

Conductors

22 AWG - 2 AWG

Flexible stranded nickel-coated copper-27%

Insulating System

Fused PTFE fluoropolymer tape under Mica tape with Fiberglass braid cover over each insulated conductor. High temperature tracers are woven into the braid for K-4 color coding. (Unless specified)

Overall Binder Tapes

Fused PTFE fluoropolymer tape wrap under mica tape.

Outer Covering

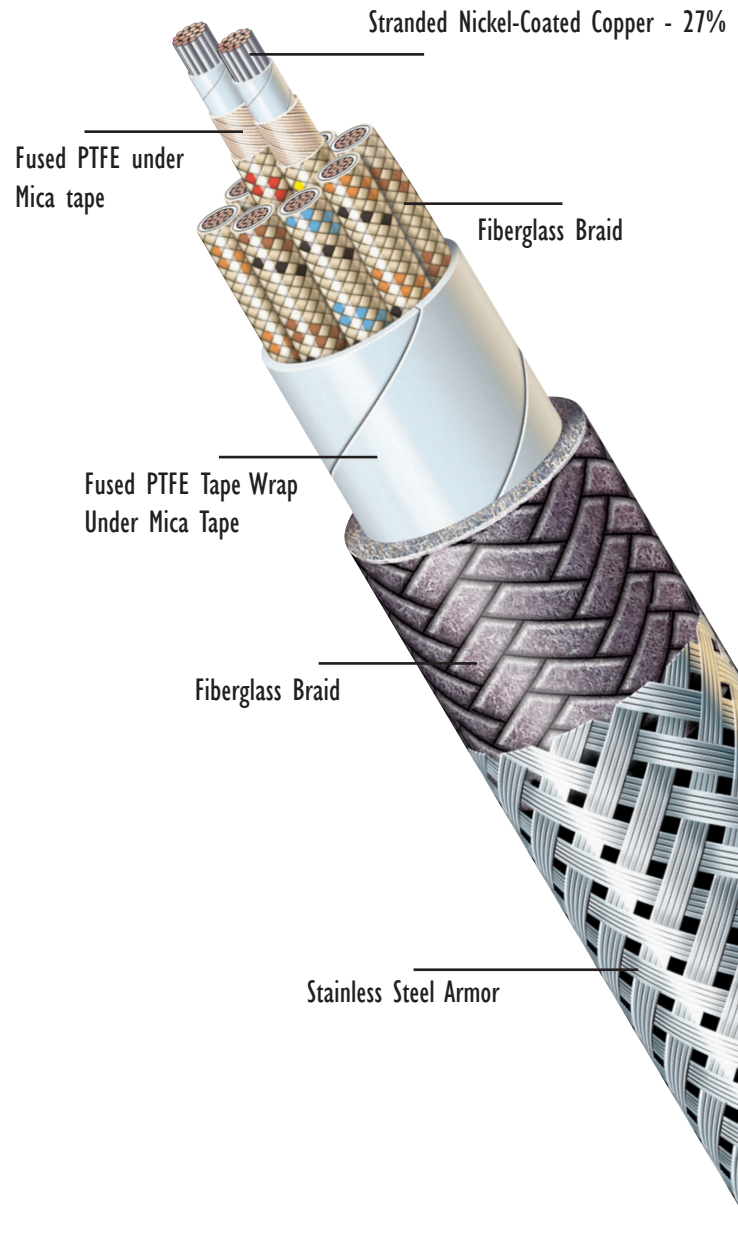
Glass braid jacket impregnated with moisture and heat resistant finish. Stainless steel armor.

CHARACTERISTICS

- Moisture, oil, fluid and abrasion resistant.
- Fillers, where needed, are made with flame impervious fibers with moisture repellent finish.
- Cable utilizes Radix "Torque Free" design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Stainless steel jacket provides mechanical strength in severe duty applications.
- Not recommended for outdoor use.

APPLICATION

For use around blast furnaces, or where subject to sparks, splashing metal and repeated heating and cooling.



COPYRIGHT

This document is protected under copyright law and is the property of Radix Wire and Cable. Data contained herein is confidential to Radix Wire and Cable and this document and/or any part of the data contained herein may not be copied, duplicated or released for manufacturing or sale of equipment outside of Radix Wire and Cable or any affiliates without the prior written authorization of Radix Wire & Cable.

SPECIFICATIONS

TMMG MUDGUN 450

HIGH-TEMPERATURE CABLE

TMMG MUDGUN 450C/600V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
BZI8GC02S	18	16	2	0.354	8.99	89.96	133.88
BZI8GC03S	18	16	3	0.374	9.50	108.75	161.85
BZI8GC04S	18	16	4	0.406	10.31	133.57	198.78
BZI8GC05S	18	16	5	0.444	11.28	147.79	219.95
BZI8GC06S	18	16	6	0.483	12.27	167.34	249.04
BZI6GC02S	16	26	2	0.377	9.58	106.60	158.65
BZI6GC03S	16	26	3	0.398	10.11	125.79	187.21
BZI6GC04S	16	26	4	0.433	11.00	151.90	226.06
BZI6GC05S	16	26	5	0.475	12.07	174.70	259.99
BZI6GC06S	16	26	6	0.517	13.13	199.85	297.42
BZI4GC02S	14	41	2	0.404	10.26	123.52	183.83
BZI4GC03S	14	41	3	0.427	10.85	150.54	224.04
BZI4GC04S	14	41	4	0.466	11.84	184.80	275.03
BZI4GC05S	14	41	5	0.512	13.00	212.20	315.80
BZI4GC06S	14	41	6	0.573	14.55	268.19	399.13
BZI2GC02S	12	65	2	0.444	11.28	148.14	220.87
BZI2GC03S	12	65	3	0.470	11.94	188.72	280.86
BZI2GC04S	12	65	4	0.513	13.03	235.46	350.42
BZI2GC05S	12	65	5	0.582	14.78	297.62	442.93
BZI2GC06S	12	65	6	0.633	16.08	336.78	501.21
BZI0GC02S	10	105	2	0.553	14.05	238.50	354.94
BZI0GC03S	10	105	3	0.588	14.94	299.17	445.24
BZI0GC04S	10	105	4	0.642	16.31	356.73	530.90
BZI0GC05S	10	105	5	0.708	17.98	432.90	644.26
BZI0GC06S	10	105	6	0.774	19.66	502.00	747.09
BZ06EC04S	6	133	4	0.862	21.89	646.11	964.00
BZ02EC04S	2	133	4	1.162	29.51	1324.00	1976.00

Standard conductor: Nickel Plated Copper - 27%

Consult factory for alternative conductor and stranding options.



WIRE & CABLE
EST. 1944

All dimensions listed above are nominal
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 & Cable is not responsible for any claim traceable to such error.

Use or disclosure of data contained on this sheet is subject to the restrictions on the title page.

Radix Wire & Cable
26000 Lakeland Boulevard, Euclid OH 44132
Tel: 216 731-9191 • Fax: 216 731-7082
www.radix-wire.com