

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.

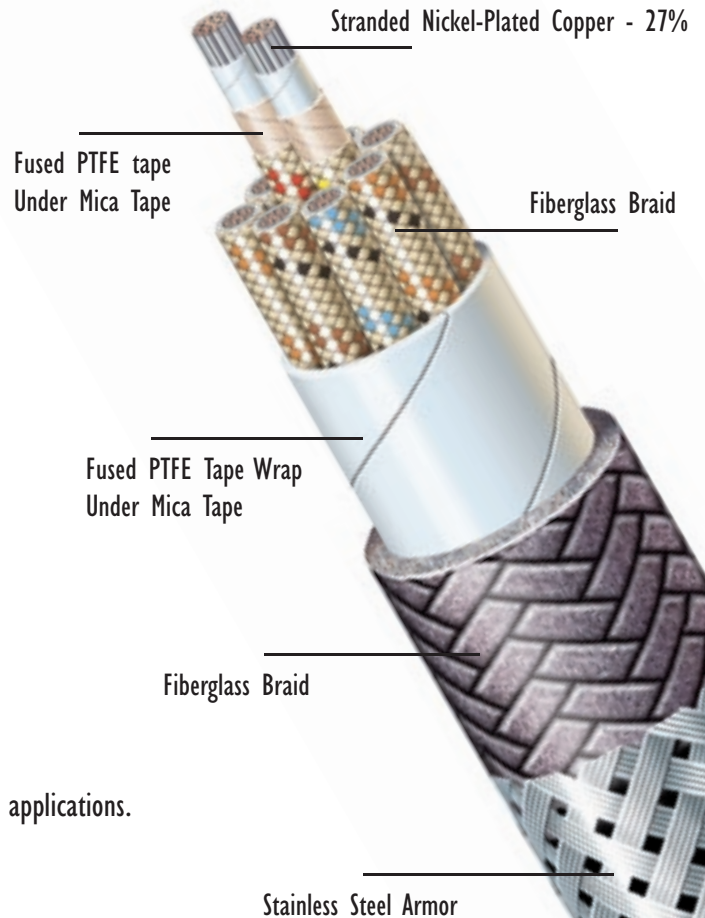
CHARACTERISTICS

- 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.

ISO 9001:2000
CERTIFIED



Radix™

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SPECIFICATIONS

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Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km
BZ18GC02S	18	16	2	0.354	8.99	89.96	133.88
BZ18GC03S	18	16	3	0.374	9.50	108.75	161.85
BZ18GC04S	18	16	4	0.406	10.31	133.57	198.78
BZ18GC05S	18	16	5	0.444	11.28	147.79	219.95
BZ18GC06S	18	16	6	0.483	12.27	167.34	249.04
BZ16GC02S	16	26	2	0.377	9.58	106.60	158.65
BZ16GC03S	16	26	3	0.398	10.11	125.79	187.21
BZ16GC04S	16	26	4	0.433	11.00	151.90	226.06
BZ16GC05S	16	26	5	0.475	12.07	174.70	259.99
BZ16GC06S	16	26	6	0.517	13.13	199.85	297.42
BZ14GC02S	14	41	2	0.404	10.26	123.52	183.83
BZ14GC03S	14	41	3	0.427	10.85	150.54	224.04
BZ14GC04S	14	41	4	0.466	11.84	184.80	275.03
BZ14GC05S	14	41	5	0.512	13.00	212.20	315.80
BZ14GC06S	14	41	6	0.573	14.55	268.19	399.13
BZ12GC02S	12	65	2	0.444	11.28	148.41	220.87
BZ12GC03S	12	65	3	0.470	11.94	188.72	280.86
BZ12GC04S	12	65	4	0.513	13.03	235.46	350.42
BZ12GC05S	12	65	5	0.582	14.78	297.62	442.93
BZ12GC06S	12	65	6	0.633	16.08	336.78	501.21
BZ10GC02S	10	105	2	0.553	14.05	238.50	354.94
BZ10GC03S	10	105	3	0.588	14.94	299.17	445.24
BZ10GC04S	10	105	4	0.642	16.31	356.73	530.90
BZ10GC05S	10	105	5	0.708	17.98	432.90	644.26
BZ10GC06S	10	105	6	0.774	19.66	502.00	747.09

Standard conductor: Nickel Coated Copper-2%

Consult factory for alternate conductor and stranding options.

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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 Company, Inc. is not responsible for any claim traceable to such error.



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