

250C/600V

# TMMG MUDGUN 250 HIGH-TEMPERATURE CABLE

## RATINGS / APPROVALS

250°C – 600 Volts

## CONSTRUCTION

### Conductors

22 AWG – 2 AWG

Flexible stranded nickel plated copper-2%

### 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

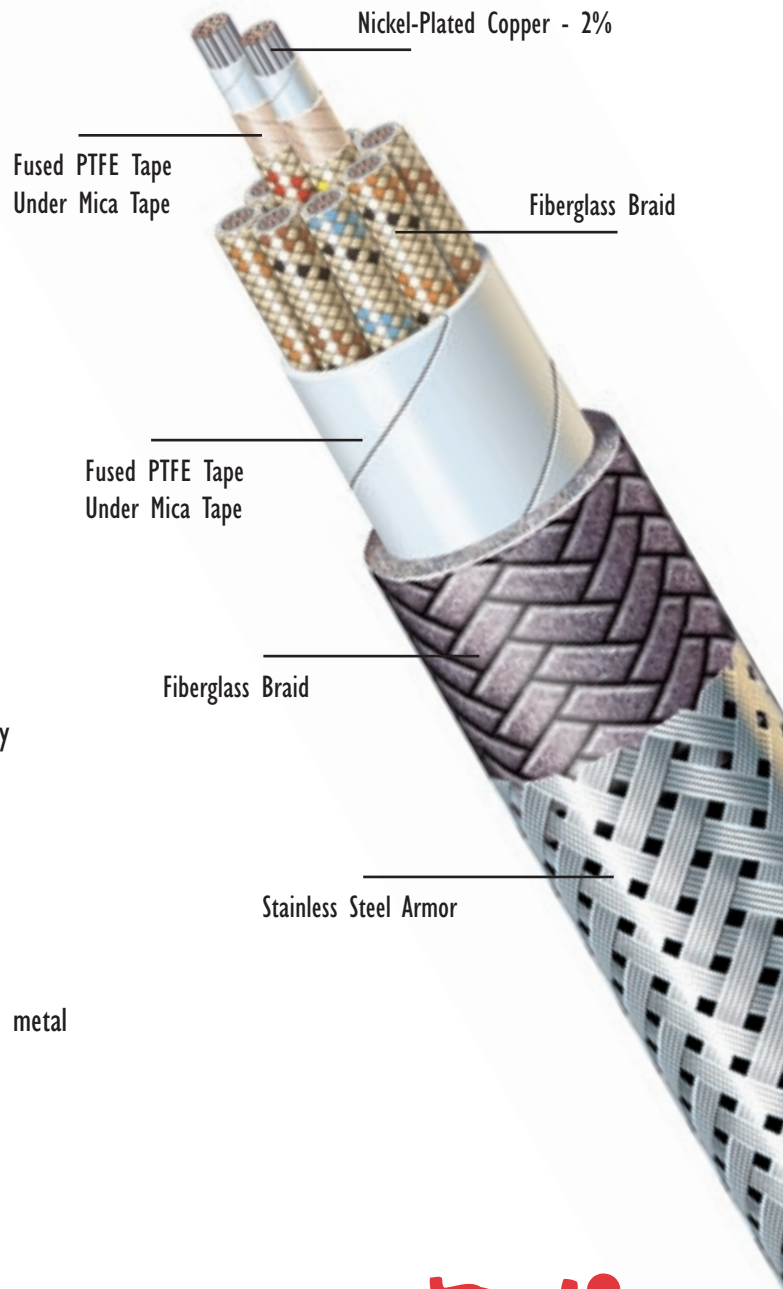
Glass braid jacket impregnated with moisture and heat resistant finish. Stainless steel armor.

## 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 for 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.



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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
BY18GP02S	18	16	2	0.375	9.53	92.26	137.30
BY18GP03S	18	16	3	0.394	10.01	107.76	160.37
BY18GP04S	18	16	4	0.425	10.80	124.06	184.63
BY18GP05S	18	16	5	0.473	12.01	149.76	222.88
BY18GP06S	18	16	6	0.523	13.28	174.78	260.11
BY16GP02S	16	26	2	0.396	10.06	105.20	156.56
BY16GP03S	16	26	3	0.417	10.59	124.06	184.63
BY16GP04S	16	26	4	0.452	11.48	145.09	215.93
BY16GP05S	16	26	5	0.512	13.00	180.08	268.00
BY16GP06S	16	26	6	0.573	14.55	230.99	343.77
BY14GP02S	14	41	2	0.425	10.80	121.99	181.55
BY14GP03S	14	41	3	0.447	11.35	148.64	221.21
BY14GP04S	14	41	4	0.503	12.78	182.76	271.99
BY14GP05S	14	41	5	0.569	14.45	243.88	362.95
BY14GP06S	14	41	6	0.627	15.93	277.59	413.12
BY12GP02S	12	65	2	0.471	11.96	149.71	222.80
BY12GP03S	12	65	3	0.507	12.88	193.95	288.64
BY12GP04S	12	65	4	0.569	14.45	258.33	384.46
BY12GP05S	12	65	5	0.632	16.05	305.23	454.25
BY12GP06S	12	65	6	0.683	17.35	346.31	515.39
BY10GP02S	10	105	2	0.601	15.27	244.48	363.84
BY10GP03S	10	105	3	0.638	16.21	304.92	453.79
BY10GP04S	10	105	4	0.692	17.58	366.51	545.45
BY10GP05S	10	105	5	0.740	18.80	430.63	640.88
BY10GP06S	10	105	6	0.809	20.55	501.93	746.99

Standard conductor: Nickel Plated 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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