

250C/600V

TMMG MUDGUN 250 HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

250°C – 600 Volts

RoHS Compliant

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

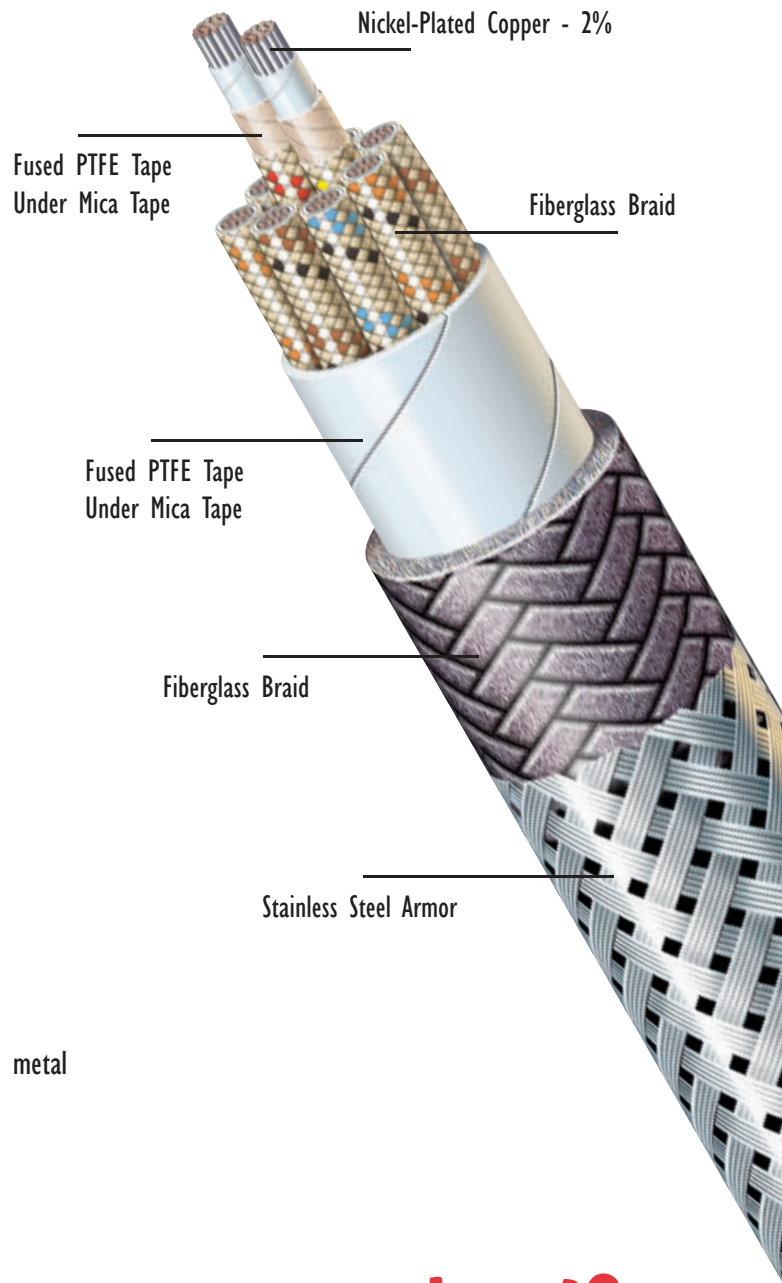
Glass braid jacket impregnated with moisture and heat resistant finish. Stainless steel armor.

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.



Radix™

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.

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 is not responsible for any claim traceable to such error.



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