



MGG Cable

High Temperature Cable
600 Volts, 450° C, #16 AWG - #10 AWG



DESCRIPTION:

Conductor:

Flexible stranded 27% nickel plated, annealed copper.

Sizes:

#16 AWG - #10 AWG

Insulation:

Phlogopite mica tapes, fiberglass braid jacket, high-temp saturant.

A armor braid optional.

Cable:

The conductors are cabled together with a left-hand lay. An overall fiberglass braid is then treated with a high temperature saturant.

Also Available in Power & Instrumentation Cable.

APPROVALS:

UL approved lead wire 450°C. Non-UL operating temperature can withstand up to 2400°F short term.

APPLICATIONS:

Used in wiring equipment that will be exposed to high temperatures.



16 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.290	38	450°C
3	.018	0.310	57	450°C
4	.018	0.345	75	450°C
5	.018	0.380	93	450°C
7	.018	0.420	129	450°C
9	.018	0.500	165	450°C
12	.018	0.570	219	450°C
19	.025	0.695	342	450°C
24	.025	0.810	431	450°C
37	.025	0.935	659	450°C

14 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.320	50	450°C
3	.018	0.340	75	450°C
4	.018	0.380	99	450°C
5	.018	0.420	122	450°C
7	.018	0.465	172	450°C
9	.018	0.555	217	450°C
12	.025	0.635	293	450°C
19	.025	0.760	450	450°C
24	.025	0.905	579	450°C

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12 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.350	67	450°C
3	.018	0.375	101	450°C
4	.018	0.415	133	450°C
5	.018	0.460	166	450°C
7	.018	0.510	231	450°C
9	.025	0.625	296	450°C
12	.025	0.700	393	450°C
19	.025	0.835	618	450°C
24	.025	0.995	799	450°C

10 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.470	114	450°C
3	.018	0.505	170	450°C
4	.018	0.555	222	450°C
5	.025	0.640	292	450°C
7	.025	0.695	374	450°C
9	.025	0.830	485	450°C
12	.025	0.950	648	450°C

Dimensions and weights shown are nominal, subject to industry tolerances. Dimensions and weights for other cable configurations are available upon request.

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