

Type G 90°C 2000V



APPLICATION:

Type G is for use in heavy duty service as a power supply cable for mobile and portable mining equipment, loaders, conveyors, pumps, drills and cutters, and where flex life is required. Type G is for applications up to 2000 volts and temperatures from -40°C to +90°C.

CONDUCTORS:

- Flexible stranded, soft drawn bare or tinned copper conductor per ASTM B172 Class I and ICEA S-75-381/NEMA WC 58

SEPARATOR:

- Tape separator between conductor and insulation

INSULATION:

- Ethylene-Propylene Rubber (EPR) per ICEA S-75-381/NEMA WC 58

COLOR CODE:

- Black, White, Red, Orange with Green Grounds

GROUND CONDUCTORS:

- Flexible stranded, soft drawn bare or tinned copper with green ethylene-propylene rubber (EPR) insulation

ASSEMBLING TAPE:

- Single faced rubber filled binder tape applied over cable assembling

JACKET:

- Black heavy duty thermoset CPE compound per ICEA S-75-381/NEMA WC 58 that is ozone, sunlight, oil, grease, weather and chemical resistant

STANDARDS:

- UL 44, 1581, 1650
- C(UL) FT1 & FT5
- CSA C22.2 No. 96
- ICEA S-75-381/NEMA WC 58
- ICEA S-95-658/NEMA WC 70
- ASTM B33, B172
- Oil Resistant, Sunlight Resistant 90°C Wet or Dry
- Rated and flexible at -40°C to +90°C.
- Sunlight Resistant

Part Number	Conductor Size	No. of Conductors	Conductor Stranding	Ground Cond. Size	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Net Weight	Ampacity** 30°C in Air
	AWG/kcmil			AWG	inches	mm	inches	mm	lbs/kft	
8-04 TYPEG	8	4	133	4 # 12	0.060	1.52	0.980	24.89	679	52
6-04 TYPEG	6	4	259	4 # 12	0.060	1.52	1.100	27.94	890	70
4-04 TYPEG	4	4	259	4 # 10	0.060	1.52	1.220	30.99	1226	91
2-04 TYPEG	2	4	259	4 # 9	0.060	1.52	1.440	36.58	1782	122
1-04 TYPEG	1	4	259	4 # 8	0.080	2.03	1.590	40.39	2184	142
1/0-04 TYPEG	1/0	4	266	4 # 7	0.080	2.03	1.700	43.18	2611	164
2/0-04 TYPEG	2/0	4	242	4 # 6	0.080	2.03	1.850	46.99	3256	190
3/0-04 TYPEG	3/0	4	259	4 # 5	0.080	2.03	1.960	49.78	3778	219
4/0-04 TYPEG	4/0	4	532	4 # 4	0.080	2.03	2.150	54.61	4655	253
250-04 TYPEG	250	4	627	4 # 3	0.095	2.41	2.530	64.26	5844	282
350-04 TYPEG	350	4	888	4 # 1	0.095	2.41	2.830	71.88	7924	346
500-04 TYPEG	500	4	1221	4 # 1/0	0.095	2.41	3.400	86.36	10758	428

All values are nominal and subject to correction

**Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(A)(2) of the National Electrical Code®



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