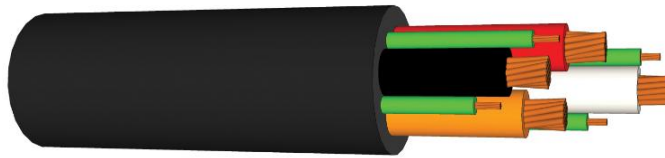


TYPE G PORTABLE POWER AND MINING CABLE



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 $+90^{\circ}\text{C}$.

CHARACTERISTICS

Voltage Rating U_0/U (U_m)

2kV

Temperature Rating

-40°C to $+90^{\circ}\text{C}$

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 $+90^{\circ}\text{C}$.

Sunlight Resistant

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must

go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

CONSTRUCTION

Conductor

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

Grounding Conductor

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

Assembly 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

Color code

Black, White, Red, Orange with Green Grounds

Weights and Measurements

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