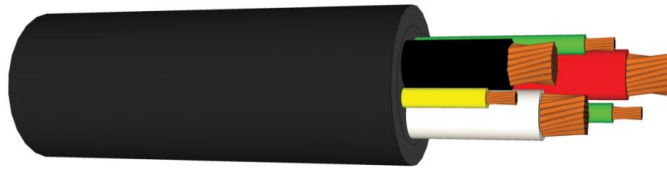


Type G-GC Round Power Cable 2kV 90° C



APPLICATION

Type G-GC is for use in heavy duty service as a power supply cable for: mobile and portable mining equipment, loaders, conveyors, pumps, drills and cutters, where flex life is required and for systems that require an internal ground check conductor, for added safety. Type G-GC is for applications up to 2000 volts and temperatures from -40° C to +90° C.

CHARACTERISTICS

Voltage Rating U_0/U (Um)

2kV

Temperature Rating

-40° C to +90° C

STANDARDS

MSHA approved

UL 44, 1581

NEMA WC58

ICEA S-95-658

C(UL) FT1 & FT5 flame tests

CONSTRUCTION

Conductor

Type G-GC has a flexible strand soft drawn bare copper conductor, per ICEA S-75-381

Insulation

Type G-GC has ethylene propylene diene monomer EPDM insulation

Jacket

Type G-GC has a black chlorinated polyethylene CPE jacket, which is water, chemical, sunlight and abrasion resistant.

Color code

Black, White, Red, Yellow with Green Grounds

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.

Weights and Measurements

Size AWG	No. of Cond.	Conductor Strand	Ground Conductor Size	Ground Check Size	Nominal Insulation Thickness	Nominal Insulation Thickness	Nominal Overall Diameter	Nominal Overall Diameter	Net Weight	Current Amps*
			AWG	AWG	Inches	mm	Inches	mm	lbs./M	
8	3	133	2#10	10	0.060	1.52	0.965	24.51	665	59
6	3	259	2#10	10	0.060	1.52	1.050	26.67	830	79
4	3	259	2#8	10	0.060	1.52	1.190	29.59	1145	114
2	3	259	2#7	10	0.060	1.52	1.340	34.04	1485	138
1	3	259	2#6	8	0.080	2.03	1.510	38.35	2100	161
1/0	3	259	2#5	8	0.080	2.03	1.650	41.91	2550	186
2/0	3	259	2#4	8	0.080	2.03	1.750	44.45	3020	215
3/0	3	259	2#3	8	0.080	2.03	1.890	48.01	3660	249
4/0	3	259	2#2	8	0.080	2.03	2.040	51.82	4410	287
250	3	627	2#1	8	0.095	2.41	2.390	60.71	6060	320
350	3	855	2#1/0	8	0.095	2.41	2.680	68.07	7400	394
500	3	1235	2#2/0	8	0.095	2.41	3.030	76.96	10100	487