

# EPDM/CPE - Type G-GC

Mining / Portable Power Cable - 3 Conductor Round w/ 2 Ground and 1 Ground Check Conductors

UL: -40°C to 90°C, 2000V

CSA: -40°C to 90°C, 2000V



IEWC Part Number	AWG	Stranding	Ground AWG	Ground Check AWG	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity <sup>01</sup>
					in	mm	in	mm	lbs/1k ft	kg/km	
<b>GGC0803</b>	8	133	10	10	0.060	1.5	0.965	24.5	609	906	65
<b>GGC0603</b>	6	259	10	10	0.060	1.5	1.05	26.7	797	1,186	87
<b>GGC0403</b>	4	259	8	10	0.060	1.5	1.15	29.1	984	1,464	114
<b>GGC0203</b>	2	259	7	10	0.080	2.0	1.35	34.2	1,465	2,180	152
<b>GGC0103</b>	1	259	6	8	0.080	2.0	1.47	37.2	1,807	2,689	177
<b>GGC1/003</b>	1/0	259	5	8	0.080	2.0	1.61	40.8	2,405	3,579	205
<b>GGC2/003</b>	2/0	259	4	8	0.080	2.0	1.72	43.6	2,510	3,735	237
<b>GGC3/003</b>	3/0	259	3	8	0.080	2.0	1.85	47.0	3,773	5,614	274
<b>GGC4/003</b>	4/0	259	2	8	0.080	2.0	1.98	50.3	3,946	5,872	316
<b>GGC25003</b>	250	627	2	8	0.095	2.4	2.39	60.7	6,060	9,017	352
<b>GGC35003</b>	350	855	1/0	8	0.095	2.4	2.68	68.1	7,400	11,011	433
<b>GGC50003</b>	500	1235	2/0	8	0.095	2.4	3.03	77.0	10,100	15,029	526

<sup>01</sup>Type G-GC ampacities are for general use of 90°C conductor with ambient temperature @ 30°C per NEC Table 400.5(B)

## Notes

- Soft-annealed, bare copper conductor
- Ethylene propylene diene monomer (EPDM) insulation
- Insulated ground and ground check conductor
- Chlorinated polyethylene (CPE) jacket
- RoHS Compliant
- MSHA Approved
- Standard jacket color: black
- Standard conductor insulation colors: black, red and white
- Ground conductor insulation color: green
- Ground check conductor insulation color: yellow

## Alternative Constructions

- Soft-annealed, tinned copper conductor
- Uninsulated ground conductor
- Ethylene propylene rubber (EPR) insulation

## Available Certifications

CSA: FT1, FT5  
ICEA S-75-381 / NEMA WC-58

## Applications

For use in electric motor & generator, mining & offroad, and portable power applications. Rated for continuous use from -40°C up to 90°C.