

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

⁰¹Type 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.