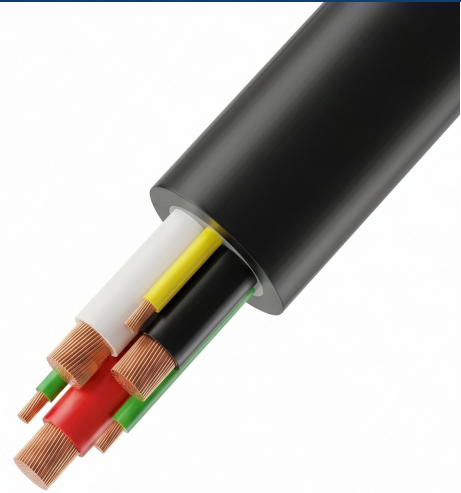


Type G-GC Mining Cable (Portable Power with Ground Check, 2000V)

Farwalk's Type G-GC Mining Cables are the high-performance portable power link for heavy mining and industrial equipment. Engineered with flexible tinned copper and a specialized Ground Check (GC) monitoring conductor, these 2000V cables provide maximum electrical safety by ensuring fail-safe ground continuity while withstanding the constant movement and mechanical abuse of the mine floor.



Applications

The primary choice for portable mining equipment, pumps, shuttles, and conveyor systems requiring grounding monitoring. Ideally suited for environments where cable flexibility and personnel safety from ground faults are the top operational priorities.

Description

Manufactured in accordance with ICEA S-75-381 / NEMA WC 58 and UL standards. The core features flexible Class 5 or 6 tinned copper conductors insulated with premium Ethylene Propylene Rubber (EPR). The assembly includes two grounded conductors and one insulated Ground Check pilot wire, all encased in a heavy-duty reinforced Chlorinated Polyethylene (CPE) jacket.

Specifications

- **Voltage Rating: 2000V (2kV)**
- **Core Construction: 3 Conductors + 2 Grounds + 1 Ground Check**
- **Insulation: 90°C EPR (Extra Heavy Duty)**
- **Jacket Material: Reinforced CPE (Oil, Flame & Water Resistant)**
- **Compliance: MSHA, ICEA, ASTM**
- **Temp. Range: -40°C to +90°C**

Farwalk Cable — Type G-GC Mining Cable

Complete Technical Tables

Type G-GC Portable Mining Cable (2000V Rated)

Size (AWG)	Approx. OD (mm)	Approx. Weight (kg/km)	Current Rating @ 90° C (Amps)	Ground Wire Size (AWG)	Max. Cond. Resistance (Ω/km)
3-Core Type G-GC - 2000 Volts (Portable Power)					
8 AWG	24.5	850	65	12 (x2)	2.14
6 AWG	27.5	1150	87	10 (x2)	1.35
4 AWG	32.2	1750	114	8 (x2)	0.85
2 AWG	37.5	2450	152	7 (x2)	0.54
1 AWG	42.2	3150	174	6 (x2)	0.43
1/0 AWG	45.8	3850	202	5 (x2)	0.34
2/0 AWG	50.2	4750	234	4 (x2)	0.27
4/0 AWG	58.5	6850	315	2 (x2)	0.17