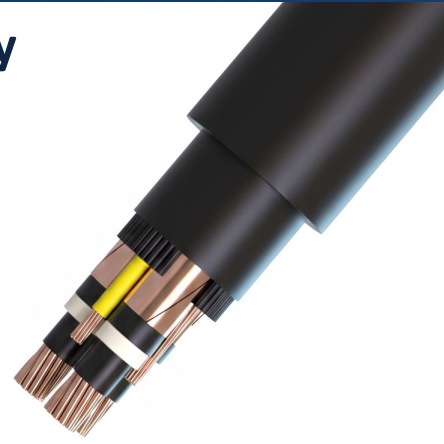


MP-GC Mine Power Feeder Cable (Heavy-Duty with Ground Check, 5kV-35kV)

Farwalk's MP-GC Mine Power Feeder Cables are the high-voltage master arteries for heavy mining infrastructure. Specifically engineered for main power distribution in both underground mines and massive open-pit pits, these cables utilize a specialized Ground Check (GC) pilot wire to provide real-time grounding continuity monitoring. Built with EPR insulation and a vulcanized CPE jacket, they deliver safe and relentless energy to the world's deepest operations.



Applications

The primary choice for main power distribution circuits between substations and mine equipment, or as feeders for borehole and vertical shaft installations. Ideally suited for fixed or semi-portable applications where high-voltage safety and maximum mechanical protection are non-negotiable.

Description

Manufactured in accordance with ICEA S-75-381 / NEMA WC 58 and UL standards. The core features Class B or Class C stranded tinned copper conductors, insulated with premium Ethylene Propylene Rubber (EPR). The assembly includes two flexible grounding conductors and one insulated Ground Check (GC) pilot wire, protected by a heavy-duty reinforced Chlorinated Polyethylene (CPE) outer jacket.

Specifications

- **Voltage Rating: 5kV, 8kV, 15kV, 25kV, 35kV**
- **Core Configuration: 3 Conductors + 2 Grounds + 1 Ground Check**
- **Insulation: 90°C EPR (Heavy Duty)**
- **Shielding: Non-shielded (Standard MP) or Shielded (SHD-MP) options**
- **Jacket: Reinforced CPE (Abrasion, Flame & Mine-Water Resistant)**
- **Compliance: MSHA, ICEA, ASTM**

Farwalk Cable — MP-GC Mine Power Feeder Cable

Complete Technical Tables

MP-GC Mine Power Feeder (15kV Rated)

Size (AWG / kcmil)	Approx. OD (mm)	Approx. Weight (kg/km)	Current Rating @ 90° C (Amps)	Min. Bending Radius (mm)	Max. Cond. Resistance (Ω/km)
3-Core MP-GC - 15000 Volts (High Voltage Feeder)					
2 AWG	52.8	4150	135	635	0.54
1 AWG	55.5	4650	155	665	0.43
1/0 AWG	59.2	5480	180	710	0.34
2/0 AWG	63.5	6450	205	765	0.27
4/0 AWG	71.2	8850	275	855	0.17
350 kcmil	82.5	12450	365	990	0.10
500 kcmil	92.8	16550	445	1115	0.07