

Type MP-GC 90°C 15KV



APPLICATION:

Type MP-GC is for use in high voltage connections between power distribution systems in mines, mine tunnels, shafts and mine load centers systems that require an internal ground check conductor, for added safety. It is suitable for installation in ducts, troughs, tray or direct burial in non-flexing applications. The cable is for applications up to 15,000 volts and temperatures from -20° to +90°C.

CONDUCTORS:

- Stranded soft drawn bare copper conductor per ASTM B3 and B8

CONDUCTOR SHIELD:

- Extruded semi-conducting layer over conductor

INSULATION:

- Cross-linked polyethylene (XLP) insulation

INSULATION SHIELD:

- Copper tape shield helically applied over an extruded semi-conducting shield over insulation

GROUNDING CONDUCTORS:

- Two bare copper ground wires

GROUND CHECK CONDUCTOR:

- Insulated ground check wire in yellow insulation

JACKET:

- Black polyvinyl chloride (PVC) jacket, which is water, chemical, sunlight and abrasion resistant

STANDARDS:

- ICEA S-75-381/NEMA WC58 Portable and Power Feeder Cables for Use in Mines and Similar Applications

Part Number	Conductors		Grounds	Ground Check	Insulation Thickness	Jacket Thickness	Outside Diameter	Appr. Cable Weight
	Size	No. of Strands						
	AWG/kcmil		AWG	AWG	inches	inches	inches	lbs/kft
2-0315KVMPFGC	2	7	6	8	0.175	0.140	1.880	2,190
1/0-0315KVMPFGC	1/0	19	4	8	0.175	0.140	2.050	2,890
2/0-0315KVMPFGC	2/0	19	3	8	0.175	0.140	2.150	3,350
4/0-0315KVMPFGC	4/0	19	1	8	0.175	0.140	2.400	4,610
250-0315KVMPFGC	250	37	1/0	6	0.175	0.140	2.500	4,990
350-0315KVMPFGC	350	37	2/0	6	0.175	0.140	2.750	6,380
500-0315KVMPFGC	500	37	4/0	6	0.175	0.170	3.100	8,770

All values are nominal and subject to correction



1-800-945-5542
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