



# POWER KABEL INC.

## MINE FEEDER CABLE TYPE MP-GC 5 & 15KV XLP PVC 90°C MSHA MINIMG GRADE

### APPLICATIONS & FEATURES

Use on bore holes, shafts, horizontal runs in underground entries, aerial suspensions on insulators and other permanent and semi-permanent mining and industrial feeder installations

### INDUSTRY COMPLIANCES

ICEA S-75-381, NEMA WC58

### CONSTRUCTION

<b>CONDUCTORS:</b>	Bare copper, concentric strand ASTM B8
<b>CONDUCTOR SHIELD:</b>	Extruded semi-conducting compound
<b>INSULATION:</b>	Cross-linked polyethylene (XLPE) 90°C
<b>INSULATION SHIELD:</b>	Extruded semi-conducting compound, copper tape
<b>GROUND:</b>	Bare copper class B
<b>GROUND CHECK:</b>	Bare copper, ICEA S-75-381 sec. 4.6; yellow XLPE 45 mils insulation
<b>ASSEMBLY:</b>	Three power conductors, ground check and two noninsulated grounding conductors cabled together with fillers to form round core; polyester binder tape applied overall
<b>JACKET:</b>	Black flame retardant PVC, ICEA S-75-381 table 4-7

AWG/No of CONDUCTORS	STRANDS	GROUND (AWG)	GROUND CHECK (AWG)	INSULATION THICKNESS (INCHES)	JACKET THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
<b>5KV @ 100% INSULATION LEVEL</b>							
2/0-3	19	3	8	0.090	0.110	1.81	2660
4/0-3	37	1	8	0.090	0.140	2.06	3760
<b>15 KV @ 100% INSULATION LEVEL</b>							
2/0-3	19	3	8	0.175	0.140	2.20	3190
4/0-3	37	1	8	0.175	0.140	2.45	4310

All values are nominal and subject to correction.