

## MINE POWER FEEDER Type MP-GC Three Conductor EPR or XLPE Insulation PVC Jacket 15KV 90°C

Applications: This cable is designed for high voltage connections between power distribution systems in mines, mine tunnels, shafts, and mine load centers where continuous monitoring of the ground system is required. • This cable is suitable for installation in ducts, troughs, tray or direct burial for nonflexing service. • Ampacity: See Ampacity Tables in the Technical Reference Section and the NEC Code. • Standards: Conforms to ICEA S-66-524 (NEMA WC8) Specification: • Conductor: Stranded annealed copper enveloped in a strand shield. • Insulation: Ethylene Propylene Rubber (EPR) or Cross Linked Polyethylene (XLPE) • Assembly: Semi-conducting tape and a metallic tape shield with grounding conductors consisting of two bare grounds and one insulated ground check that are cabled together in the interstices of the power conductors and fillers are added to make round. A single faced rubber filled tape is applied overlapped. • Jacket: Polyvinylchloride (PVC)

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Catalog No.	Power Conductors			Ground Wire		Jacket	Overall	Net				
	Size AWG	No. of Strands	Insulation Thickness (inches)	Size AWG	No. of Strands	Thickness Inches	Diameter Inches	Weight Ibs/mft				
15KV 100% Insulation Level (Grounded)												
P01N11	2	7	.175	6	7	.190	1.88	2190				
P02N11	1/0	19	.175	4	7	.140	2.05	2890				
P03N11	2/0	19	.175	3	7	.140	2.15	3350				
P04N11	4/0	19	.175	1	19	.140	2.40	4610				
P05N11	250	37	.175	1/0	19	.140	2.50	4990				
P06N11	350	37	.175	2/0	19	.140	2.75	6380				
P07N11	500	37	.175	4/0	19	.170	3.10	8770				

\*Shipping Tolerance +/- 10%



## MINE POWER FEEDER Type MP-GC Three Conductor EPR Insulation CPE Jacket 5KV/8KV 90°C

**Applications:** This cable is designed for high voltage connections between power distribution systems in mines, mine tunnels, shafts, and mine load centers where continuous monitoring of the ground system is required. • This cable is suitable for installation in ducts, troughs, tray or direct burial for nonflexing service. • Ampacity: See Ampacity Tables in the Technical Reference Section and the NEC Code. • Standards: Conforms to ICEA S-66-524 (NEMA WC8) **Specification:** • **Conductor:** Stranded annealed copper enveloped in a strand shield. • **Insulation:** Ethylene Propylene Rubber (EPR) or Cross Linked Polyethylene (XLPE) • **Assembly:** Semi-conducting tape and a metallic tape shield with grounding conductors consisting of two bare grounds and one insulated ground check that are cabled together in the interstices of the power conductors and fillers are added to make round. A single faced rubber filled tape is applied overlapped. • **Jacket:** CPE

Catalog No.	Power Conductors			Ground Wire		Jacket	Overall	Net					
	Size AWG	No. of Strands	Insulation	Size AWG	No. of Strands	Thickness	Diameter	Weight					
			Thickness (inches)			Inches	Inches	lbs/mft					
5KV 100% Insulation Level (Grounded)													
P01N12	4	7	.090	7	7	.110	1.32	1240					
P02N12	2	7	.090	5	7	.110	1.45	1670					
P03N12	1/0	19	.090	3	7	.110	1.63	2300					
P04N12	2/0	19	.090	2	7	.140	1.75	2730					
P05N12	4/0	19	.090	1/0	19	.140	2.00	3490					
P06N12	250	37	.090	1/0	19	.140	2.13	4620					
P07N12	350	37	.090	2/0	19	.140	2.35	5940					
P08N12	500	37	.090	4/0	19	.170	2.64	8160					
8KV 100% Insulation Level (Grounded)													
P09N12	4	7	.115	8	7	.110	1.43	1440					
P10N12	2	7	.115	6	7	.110	1.55	1760					
P11N12	1	19	.115	5	7	.110	1.65	2070					
P10N12	1/0	19	.115	4	7	.110	1.75	2440					
P13N12	2/0	19	.115	3	7	.140	1.88	2940					
P14N12	4/0	19	.115	1/0	19	.140	2.12	4130					
P15N12	250	37	.115	1/0	19	.140	2.25	4760					
P16N12	350	37	.115	2/0	19	.140	2.46	6090					
P17N12	500	37	.115	4/0	19	.170	2.75	8360					

\*Shipping Tolerance +/- 10%