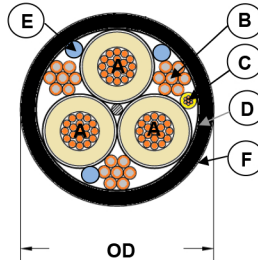


**BOSTMINE™**  
**Type MP-GC – 5kV/133% (ICEA)**  
**Mine Power Feeder (Self-Supported)**  
**3x350MCM + 3x7x5AWG (CU-Weld) + 1x8AWG + 3x12xF0**



## Components

- 3 x 350MCM (37) Class B Compact Bare Copper Conductor, Semi-Conducting Extruded (inner) layer,  
A: EPR Insulation, Semi-Conducting Extruded (outer) layer, copper tape helically applied, Color Coded acc. ICEA (black, white and red)  
B: 3 x (7x5 AWG) Copperweld Ground Wires (Steel Wire covered with a layer of bare copper)  
C: 1 – 8 AWG (7) Class B Compressed Tinned Copper Conductor with yellow PP insulation, Ground-Check.  
D: Binder Tape  
E: 3 x (12 x 62.5 / 125 Multi-mode Fiber Optics)  
F: Thermoset Compound / Extra-Heavy Duty Polychloroprene (Neoprene) Thermoset Jacket.

## Applicable Specifications

ANSI/NEMA WC58 ICEA S-75-381  
MSHA 30 CFR Part 7, Sub Part K  
**P-7K-270090-MSHA**

## Characteristics



Nominal Diameter (OD): 2.67 inches  
Tolerance: -5%/+8%  
Cable Weight: 7.553 lbs/ft

## Ratings

Voltage: 5000V/133%  
Conductor Temperature: 90 °C  
Operating Temperature: -40°C to 80°C

Ampacity: 435 Amps<sup>1</sup>

<sup>1</sup>based on single isolated cable in air operated with open-circuited shield, on continuous duty at 90°C conductor temperature, 40°C Free Air Ambient.

Rev	DATE	CHANGE DETAIL				<div></div>	<div>Draka Engineered Specialties</div> <div>22 Joseph E. Warner Blvd North Dighton MA 02764 Phone: 508-822-5444 Fax: 508-822-1944</div>		
	0	4/27/17	Original						
Approvals:		Created By:	EH	Reviewed By:	EH	Project Name:	MP-GC (Support) EPR/NEO 5000V/133% (ICEA)		
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