

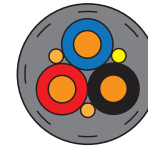


INDUSTRITE™ Type G-GC: 2000V

90°C to -40°C / 12 AWG – 500 MCM/EHD – Extra Heavy Duty Thermoset Jacket



ICEA
Color Code

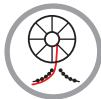


CSA
Color Code

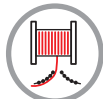
Applications



Random Wind
Motor Driven



Level Wind
Motor Driven
w/ Sheaves



Level Wind
Motor Driven
Other Planes

BOSTMINE™ Type G-GC Mining Cable is designed and manufactured in low voltage applications as a heavy-duty trailing cable on mining equipment where flame, abrasion, chemicals, moisture, impact, tearing and temperature extremes are part of the work environment. These cables are manufactured to resist harsh environments without compromising safety.

Specifications and Ratings

- Rated for continuous operation at -40° C to 90° C
- ICEA S-75-381/NEMA WC-58: Portable and Power Feeder Cables for Use in Mines & Similar Applications
- C22.2 No. 96
- FT1 and FT5
- MSHA approved



Construction Options

- Cold Temperature Thermoset Jacket Compound for -50°C rating
- Insulated Ground Wires
- Composite Conductors
- Fiber Optic Components
- Polyurethane (TPU), Hypalon™ (CSPE) Jackets Available

* Hypalon is a Trademark of DuPont

Design Parameters

CONDUCTOR: Extra flexible rope stranding, soft drawn tinned copper; per ASTM B33, ASTM B172 for high flexibility, extended flex-life, reduced copper fatigue/conductor breakage.

INSULATION: Thermoset EPR insulation that meets and exceeds the requirements of ANSI/NEMA WC58 ICEA S-75-381 for excellent physical/electrical properties, suitable for use in extreme flexing applications.

JACKET: Black, co-extruded, reinforced, extra heavy duty thermoset jacket which is flame, oil and sunlight resistant and is suitable for use indoors and outdoors in severe flexing applications where oil, chemicals and extreme temperatures are considerations.

Available Jacket Colors



IDENTIFICATION: DRAKA MA [Part Number] [conductor size] / {number conductor} COND ICEA S-75-381 TYPE G-GC [voltage] V 90C P-7K-MSHA CSA 231593 FT1 AND FT5 (-40C)



A brand of the



INDUSTRITE™ Type G-GC: 2000V

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Base Part Number	Industry Standard	Power Conductor Size (Stranding)	Ground Conductor Size ICEA (Stranding)	Ground Conductor Size CSA (Stranding)	Ground-Check Conductor Size (Stranding)	Nominal Insulation Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)	Ampacity ¹ (Amps)
3 Conductor / 2000V (100% insulation level)									
-34261---	CSA	12 AWG (49)			10 AWG (133)				
-34262---	CSA	10 AWG (49)			10 AWG (133)				
-34263---	ICEA+CSA	8 AWG (133)	10 AWG (49)	10 AWG (49)	10 AWG (133)	60 (1.5)	0.97 (24.6)	636 (946)	59
-34264---	ICEA+CSA	6 AWG (259)	10 AWG (49)	10 AWG (49)	10 AWG (133)	60 (1.5)	1.05 (26.7)	779 (1159)	79
-34265---	ICEA+CSA	4 AWG (259)	8 AWG (133)	9 AWG	10 AWG (133)	60 (1.5)	1.19 (30.2)	1129 (1680)	104
-34266---	ICEA+CSA	3 AWG (259)	8 AWG (133)	8 AWG (133)	10 AWG (133)	60 (1.5)	1.24 (31.5)	1320 (1964)	120
-34267---	ICEA+CSA	2 AWG (259)	7 AWG (133)	7 AWG (133)	8 AWG (133)	60 (1.5)	1.34 (34)	1569 (2335)	138
-34268---	ICEA+CSA	1 AWG (259)	6 AWG (133)	6 AWG (133)	8 AWG (133)	80 (2.0)	1.51 (38.4)	1998 (2973)	161
-34269---	ICEA+CSA	1/0 AWG (266)	5 AWG (133)	5 AWG (133)	8 AWG (133)	80 (2.0)	1.65 (41.9)	2427 (3612)	186
-34270---	ICEA+CSA	2/0 AWG (323)	4 AWG (259)	4 AWG (259)	8 AWG (133)	80 (2.0)	1.75 (44.5)	2872 (4274)	215
-34271---	ICEA+CSA	3/0 AWG (418)	2 AWG (259)	3 AWG	8 AWG (133)	80 (2.0)	(0)	(0)	249
-34272---	ICEA+CSA	4/0 AWG (532)	2 AWG (259)	2 AWG (259)	8 AWG (133)	80 (2.0)	2.04 (51.8)	4213 (6270)	287
-34273---	ICEA+CSA	250 MCM (627)	2 AWG (259)	1 AWG	6 AWG (133)	95 (2.4)	2.39 (60.7)	5246 (7807)	320
-34275---	ICEA+CSA	350 MCM (888)	1/0 AWG (266)	1/0 AWG (266)	6 AWG (133)	95 (2.4)	2.68 (68.1)	7022 (10450)	394
-34278---	ICEA+CSA	500 MCM (1221)	2/0 AWG (323)	3/0 AWG	6 AWG (133)	95 (2.4)	3.03 (77)	9422 (14021)	487

¹Ampacity based on single isolated cable in air operated with open-circuited shield, conductor temperature of 90°C and an ambient air temperature of 40°C.

Note:

- The data herein is approximate and subject to normal manufacturing tolerances.
- Information subject to change without notice

ORDERING INFORMATION



Base Part Number

O	ICEA	Industry Standard
C	CSA	
C	CPE	Jacket Compound
H	Hypalon	
N	Neoprene	
T	Polyurethane	
BK	Black	Jacket Color
BL	Blue	
RD	Red	
YL	Yellow	
GN	Green	
OR	Orange	

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