PRIORITY WIRE & CABLE, INC.

5KV SHD-GC 90°C

Part Number	Conductors		Grounds		Ground Check		Insulation Thickness	Jacket Thickness	Outside Diameter	Appr. Cable Weight
	Size	No. of Strands	Size	No. of Strands	Size	No. of Strands				
	AWG/kcmil		AWG		AWG		inches	inches	inches	lbs/kft
4-035KVSHDGCMINING	4	259	8	133	8	133	0.110	0.185	1.680	1,769
2-035KVSHDGCMINING	2	259	6	133	8	133	0.110	0.205	1.870	2,370
1-035KVSHDGCMINING	1	259	5	133	8	133	0.110	0.205	1.950	2,660
1/0-035KVSHDGCMINING	1/0	266	4	259	8	133	0.110	0.220	2.080	3,200
2/0-035KVSHDGCMINING	2/0	342	3	259	8	133	0.110	0.220	2.200	3,615
4/0-035KVSHDGCMINING	4/0	532	1	259	8	133	0.110	0.235	2.500	5,059
350-035KVSHDGCMINING	350	888	2/0	342	8	133	0.120	0.265	2.950	7,700
500-035KVSHDGCMINING	500	1221	4/0	532	8	133	0.120	0.280	3.310	10,200

All values are nominal and subject to correction

Application: Type SHD-GC is for use in heavy duty medium voltage service as a power supply cable for: mobile and portable mining equipment, loaders, drag lines, shovels, dredges and drills, where flex life is required and for systems that require an internal ground check conductor, for added safety. Type SHD-GC is for applications up to 5,000 volts and temperatures from -40°C to +90°C.

Conductors: Flexible stranded tinned soft drawn copper conductor

Conductor Shield: Extruded semi-conducting layer over conductor

Insulation: Ethylene-propylene rubber (EPR)

Insulation Shield: Non-conducting bedding tape and composite tinned copper/polyamide braid 60% minimum coverage

Grounding Cond: Two flexible stranded tinned copper conductors in each cable

Ground Check: Flexible stranded tinned copper wire with yellow insulation

Assembling Tape: Single faced rubber-filled binder tape applied over cable assembling core

Jacket: Black, extra heavy duty, high torsion-resistant, reinforced thermoset CPE jacket overall

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

1-800-945-5542