



8KV 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
4-038KVSHDGCMINING	4	133	8	133	8	133	0.150	0.205	1.940	2,240
2-038KVSHDGCMINING	2	133	6	133	8	133	0.150	0.220	2.120	2,730
1/0-038KVSHDGCMINING	1/0	259	4	259	8	133	0.150	0.220	2.320	3,380
2/0-038KVSHDGCMINING	2/0	259	3	259	8	133	0.150	0.235	2.460	4,030
4/0-038KVSHD-GCMINE	4/0	259	1	259	8	133	0.150	0.250	2.750	5,440
250-038KVSHDGCMINING	250	427	1/0	259	6	133	0.150	0.250	2.890	6,280
350-038KVSHDGCMINING	350	427	2/0	342	6	133	0.150	0.280	3.200	8,300
500-038KVSHDGCMINING	500	427	4/0	532	6	133	0.150	0.295	3.560	12,000

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

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