



## 2KV SHD-GC 90°C

Part Number	Conductors		Grounds		Ground Check		Insulation Thickness inches	Jacket Thickness inches	Outside Diameter inches	Appr. Cable Weight lbs/kft
	Size	No. of Strands	Size	No. of Strands	Size	No. of Strands				
	AWG/kcmil		AWG		AWG					
6-032KVSHDGC MINING	6	133	10	49	10	133	0.070	0.155	1.290	960
4-032KVSHDGC MINING	4	259	8	133	10	133	0.070	0.155	1.400	1,410
2-032KVSHDGC MINING	2	259	6	133	10	133	0.070	0.170	1.590	1,940
1/0-03 SHD-GC MINING	1/0	266	4	259	8	133	0.080	0.190	1.860	2,700
2/0-03 SHD-GC MINING	2/0	342	3	259	8	133	0.080	0.250	2.000	3,470
4/0-03 SHD-GC MINING	4/0	532	1	259	8	133	0.080	0.220	2.310	4,800
250-032KVSHDGC MINING	250	627	1/0	259	8	133	0.095	0.220	2.510	5,950
350-032KVSHDGC MINING	350	888	2/0	342	8	133	0.095	0.235	2.810	7,400
500-032KVSHDGC MINING	500	1221	4/0	532	8	133	0.095	0.265	3.190	10,100

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 2,000 volts and temperatures from -40°C to +90°C.
- Conductors:** Flexible stranded tinned soft drawn copper conductor
- Separator:** Polyester tape between conductor and insulation
- 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:** A 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  
NEMA WC58  
ICEA S-75-381/NEMA WC58 Portable and Power Feeder Cables for Use in Mines and Similar Applications

**1-800-945-5542**