

Type SHD-GC 90°C 2KV



APPLICATION:

SHD-GC cable is designed for heavy duty, medium voltage portable power trailing cable between the load center and equipment such as power shovels, draglines and other excavators for use in open pit mines, quarries and on gantry cranes where delivery of a heavy power load and maximum safety is required.

CONDUCTORS:

- Rope-lay flexible soft drawn tinned copper

INSULATION:

- Abrasion, heat and moisture resistant ethylene propylene rubber EPR insulation

SHIELD:

- The conductors are individually shielded with a flexible tinned copper braid containing color coded wires for phase identification

CONSTRUCTION:

- The conductors are cabled together with 2 bare tinned copper grounding wires and an insulated ground check

JACKET:

- Overall black abrasion, heat and moisture resistant chlorinated polyethylene CPE jacket. Rated for temperatures from -40°C to +90°C

STANDARDS:

- CSA C22.2 No. 96
- ICEA S-75-381/NEMA WC58 Portable and Power Feeder Cables for Use in Mines and Similar Applications
- MSHA
- CSA FT1, FT5
- Sunlight resistant
- Gas & Oil resistant

Part Number	Conductor Size	No. of Cond.	Grounds Size	No. of Grounds	Ground Check Size	Insulation Thickness	Outside Diameter	Appr. Cable Weight
	AWG/kcmil		AWG		AWG			
14-032KVSHDGCCSAFT5	14	3	14	2	14	0.070	1.00	1,217
12-032KVSHDGCCSAFT5	12	3	12	2	14	0.070	1.05	1,388
10-032KVSHDGCCSAFT5	10	3	12	2	12	0.070	1.10	1,663
8-032KVSHDGCCSAFT5	8	3	10	2	10	0.070	1.20	2,106
6-032KVSHDGCCSAFT5	6	3	10	2	10	0.070	1.31	3,150
4-032KVSHDGCCSAFT5	4	3	8	2	10	0.070	1.41	4,626
2-032KVSHDGCCSAFT5	2	3	6	2	10	0.070	1.59	6,365
1/0-032KVSHDGCCSAFT5	1/0	3	4	2	8	0.080	1.76	9,678
2/0-032KVSHDGCCSAFT5	2/0	3	3	2	8	0.080	1.99	11,385
4/0-032KVSHDGCCSAFT5	4/0	3	1	2	8	0.080	2.30	15,748

All values are nominal and subject to correction