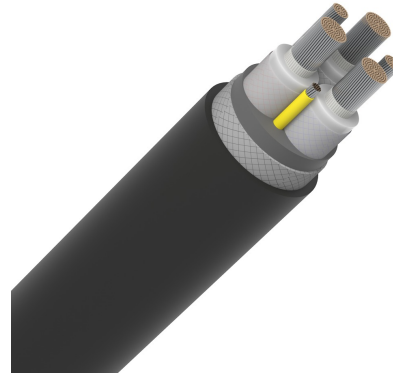


SHD-GC 2kV Mining Cable

Mining cable for heavy-duty and flexible power supply routes

SHD-GC 2kV Mining Cable is prepared for preliminary product selection and quotation review. This product is used in mining and heavy industry where flexibility, abrasion resistance, mechanical stress and operating environment must be reviewed carefully.



VOLTAGE

2000V

CONDUCTOR

Tinned copper conductor route, confirmed by technical table

TYPICAL USE

Mining equipment

STANDARDS

ASTM B172; ASTM B33;
ICEA S-75-381; NEMA WC
58

DATA SCOPE

1 technical table(s) included
for preliminary selection

SELECTION NOTE

Confirm voltage, flexibility,
sheath material, flame rating
and mechanical stress.

For quotation review, provide cable type, standard, size, quantity and project destination.

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Application & Selection Summary

Typical applications

- Mining equipment
- mobile power supply
- tunneling and heavy-duty industrial routes
- flexible connection for harsh operating environments.

Selection logic

- Confirm voltage grade, conductor size, flexibility requirement, sheath material, flame performance and mechanical stress condition before quotation.

Construction Overview

Item	Website-ready content
Product route	Flexible conductor with rubber insulation and heavy-duty sheath. Shielding, pilot core or reinforcement depends on the product type and application.
Voltage	2000V
Conductor	Tinned copper conductor route, confirmed by technical table
Standards	ASTM B172; ASTM B33; ICEA S-75-381; NEMA WC 58
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
3-Core SHD-GC - 2000 Volts (Individually Shielded)	6 AWG - 4/0 AWG	See table	See table	1.35 - 0.17

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

3-Core SHD-GC - 2000 Volts (Individually Shielded)

Reference table for preliminary selection and quotation review.

Size (AWG / kcmil)	Approx. OD (mm)	Approx. Weight (kg/km)	Current Rating @ 90°C (Amps)	Min. Bending Radius (mm)	Max. Cond. Resistance (Ω /km)
3-Core SHD-GC - 2000 Volts (Individually Shielded)					
6 AWG	32.5	1550	87	195	1.35
4 AWG	36.2	1950	114	220	0.85
2 AWG	41.5	2650	152	250	0.54
1 AWG	46.2	3350	174	280	0.43
1/0 AWG	51.8	4250	202	310	0.34
2/0 AWG	55.5	5050	234	335	0.27
4/0 AWG	62.2	6850	315	375	0.17