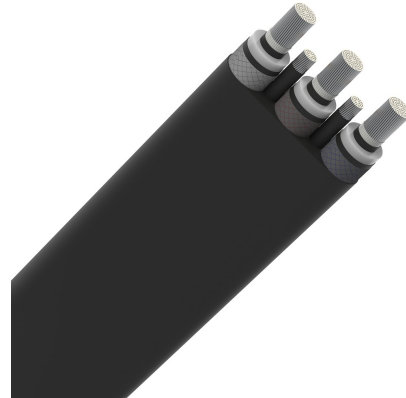


SHD 2kV Mining Cable

Mining cable for heavy-duty and flexible power supply routes

SHD 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

ICEA S-75-381; NEMA WC 58; CSA C22.2 No.96

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

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

Preliminary Reference Notice

For preliminary selection only. All technical parameters, dimensions and electrical data in this document are typical reference values based on common standard samples. They do not constitute a binding engineering supply commitment. For formal quotation or project submission, Farwalk will review the required voltage grade, installation environment, cable construction, local standards and project specifications, then provide a customized technical proposal and commercial offer.

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	ICEA S-75-381; NEMA WC 58; CSA C22.2 No.96
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
SHD 2kV Mining Cable - Technical Table 1	6 AWG - 500 kcmil	Rope-Lay (Class K/M)	See table	See table

For preliminary selection only. All technical parameters, dimensions and electrical data in this document are typical reference values based on common standard samples. They do not constitute a binding engineering supply commitment. For formal quotation or project submission, Farwalk will review the required voltage grade, installation environment, cable construction, local standards and project specifications, then provide a customized technical proposal and commercial offer.

SHD 2kV Mining Cable - Technical Table 1

Reference table for preliminary selection and quotation review.

Size (AWG/kcmil)	Number of Cores	Conductor Stranding	Approx. OD (mm)	Ampacity @ 90°C (A)
6 AWG	3 Core	Rope-Lay (Class K/M)	31.5	79
4 AWG	3 Core	Rope-Lay (Class K/M)	34.2	104
2 AWG	3 Core	Rope-Lay (Class K/M)	38.5	138
1/0 AWG	3 Core	Rope-Lay (Class K/M)	44.2	190
2/0 AWG	3 Core	Rope-Lay (Class K/M)	47.5	220
4/0 AWG	3 Core	Rope-Lay (Class K/M)	55.8	298
250 kcmil	3 Core	Rope-Lay (Class K/M)	60.2	327
350 kcmil	3 Core	Rope-Lay (Class K/M)	66.5	406
500 kcmil	3 Core	Rope-Lay (Class K/M)	75.8	495