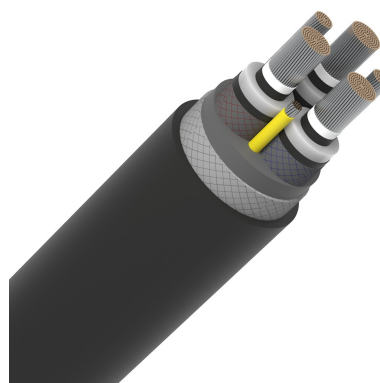


Mining Cable ICEA S-75-381 / NEMA WC 58

Mining cable for heavy-duty and flexible power supply routes

Mining Cable ICEA S-75-381 / NEMA WC 58 is provided as a standards-route and selection reference for preliminary review. It helps buyers identify the applicable mining cable standard path and the information required before a project-specific quotation can be prepared.



VOLTAGE

2000V, 5kV, 15kV, 25kV

CONDUCTOR

Tinned copper conductor route, confirmed by technical table

TYPICAL USE

Mining equipment

STANDARDS

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

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

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

Technical Reference Scope

This PDF is provided as a technical reference and standard selection guide. It summarizes the applicable standard route, product family, typical configuration logic and inquiry information required for project review. It is not a complete engineering datasheet and should not be used as a final supply commitment.

Standard Route & 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, 5kV, 15kV, 25kV
Conductor	Tinned copper conductor route, confirmed by technical table
Standards	ICEA S-75-381; NEMA WC 58; ASTM B33; ASTM B172
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Selection Route Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
Mining Cable ICEA S-75-381 / NEMA WC 58 - Cable route comp	See table	See table	See table	See table

Technical reference scope: this PDF is a standard-route and selection guide. It does not replace a complete engineering datasheet. Final cable size, construction, electrical data, packing and documents must be confirmed after receiving project requirements.

Mining Cable ICEA S-75-381 / NEMA WC 58 - Cable route comparison

Reference comparison for standard-route selection; not a final engineering datasheet.

Cable Type	Voltage Class	Typical Configuration	Key Design Feature	Primary on
Type W	2000V	1C to 4C (No Shield/GC)	Unshielded, extreme toughness	Portable power, trailing AC/DC
Type G-GC	2000V	3C + Ground + GC	Integrated Ground Check	Mobile AC mining equipment
Type SHD-GC	2kV to 25kV	3C + Ground + GC	Individual phase shielding	High voltage shovels & draglines
Type SHD-PCG	2kV to 5kV	3C + Shielded Control	Symmetrical ground & control	Longwall miners, continuous miners
Type MP-GC	5kV to 15kV	3C + Ground + GC	Mine Power Feeder	Fixed/semi-fixed underground power