PROTOMONT (V)

Underground Mining Cable | NSSHCGEOEU I 1 KV



PRODUCT TYPE
Coal Cutter Cable

MODEL
NSSHCGEOEU I 1KV

RATED VOLTAGE
0.6/1 KV (1.2 KV)

STANDARDS
DIN VDE, IEC, EAC, MSHA

MODEL RANGE
9 Configurations

APPLICATION
Underground Mining

CONTACT INFORMATION

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Website 1:

https://www.feichuncables.com/

Website 2:

https://www.reelingcable.com/

AnHui Feichun Special Cable Co., Ltd

Technical Specifications

PROTOMONT (V) NSSHCGEOEU Series

Key Features

Superior Durability
Extreme mechanical stress resistance

Extended Lifespan
Minimal maintenance required

Chemical Resistant
Oils, fuels & UV resistant

Electrical & Environmental Parameters

Parameter	Specification
Rated Voltage U0/U (Um)	0.6/1 (1.2) kV
Test Voltage	3 kV
Conductor Temperature	90°C (250°C at short circuit)
Ambient Temperature (Fixed)	-40°C to +80°C
Ambient Temperature (Flexible)	-20°C to +60°C
Flame Retardant	EN/IEC 60332-1-2
Chemical Resistance	Oil, Ozone & UV resistant

Product Models — 9 Standard Configurations

Model Configuration	Cond. (mm²)	Cable Ø (mm)	Weight (kg/km)	Current (A)
3x25+3x(1.5ST+16/3KON)+UELKON	7.1	38.4–41.4	2,900	**131**
3x35+3x(1.5ST+16/3KON)+UELKON	8.4	41.0–44.0	3,520	**162**
3x50+3x(1.5ST+25/3KON)+UELKON	10.1	45.4–48.4	4,300	**202**
3x70+3x(1.5ST+35/3KON)+UELKON	11.9	48.8–52.8	5,400	**250**
3x95+3x(1.5ST+50/3KON)+UELKON	14.0	56.0–60.0	7,020	**301**
3x120+3x(1.5ST+70/3KON)+UELKON	15.5	60.3–64.3	8,600	**352**
3x150+3x(1.5ST+70/3KON)+UELKON	17.2	66.7–70.7	10,310	**404**
3x185+3x(1.5ST+95/3KON)+UELKON	19.1	71.7–75.7	12,300	**461**
3x240+3x(1.5ST+120/3KON)+UELKON	22.0	80.1–85.1	15,400	**540**

Mechanical Properties

Torsional Stress
±25°/m

Bending Radius
2.3 × D

Standards & Certifications

DIN VDE 0250-812 | IEC 60228 | DIN EN 60332-1-2 | EAC | MSHA P-07-KA140034 | BAS Bosnia-Herzegovina | MA China

Applications & Contact

Mining Solutions Worldwide

PROTOMONT (V) NSSHCGEOEU cables are engineered to deliver reliable, uninterrupted power in the most demanding underground environments. Below are the primary use cases where this cable series excels.

Primary Applications

- **Underground Coal Mining:** Power supply for mobile equipment in subterranean environments
- **Coal Cutting Machines:** Dedicated cable systems for coal cutters in confined spaces
- **Cable Protection Chains:** Designed for cable handlers trailing behind mining equipment
- **Mobile Equipment:** Reliable connections for excavators, drills, LHDs & conveyors
- **Tunneling Projects:** High-performance cables for tunnel boring applications
- **Extreme Conditions:** Rated for harsh environments with mechanical stress & chemicals

Why Choose AnHui Feichun?

Manufacturing Excellence
State-of-the-art production

Global Reach
Worldwide support network

Certified Quality
Multiple certifications

Cable Construction (7 Layers)

1. Tinned copper conductor (class FS) | **2.** EPR insulation | **3.** 3-core arrangement with control conductors | **4.** NBR semi-conductive layer | **5.** EPR protective layer | **6.** Steel/Cu wire shielding | **7.** Polychloroprene outer sheath

Ordering Information

HOW TO ORDER:
Select model configuration • Specify length & quantity • Contact our sales team • Enjoy competitive pricing & fast delivery
Custom specifications available upon request.

Document Reference

This technical specification sheet is provided for reference purposes. Technical data, dimensions, and weights are subject to change without notice. AnHui Feichun Special Cable Co., Ltd reserves the right to amend this specification. Please contact us directly for the most current product data and certification documents.

CONTACT US

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AnHui Feichun Special Cable Co., Ltd
Premium Quality • Global Reach • Local Expertise

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