



# FEICHUN SPECIAL CABLES

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## VDE 0250 Underground Mining Scoops LHD (Load-Haul-Dump) Cable

NSHTÖU 0.6/1kV Underground Mine Scoops LHD (Load-Haul-Dump) Cable

4C95(50 kN)



## APPLICATIONS

Type NSHTÖU 0.6/1kV cable is designed for use in underground mining operations, specifically for Load-Haul-Dump (LHD) machines, also known as scoops. These cables are built to endure the harsh conditions found in underground mines, providing reliable power transmission and ensuring the safe and efficient operation of mining equipment.

## STANDARDS

VDE 0250 Part 814

## CABLE CONSTRUCTION

- **Conductor**:
  - Flexible stranded tinned copper conductor, offering excellent flexibility and resistance to mechanical stresses.
- **Insulation**:
  - EPR (Ethylene Propylene Rubber) type 3GI3, known for its superior thermal and electrical properties.
- **Optional Support Element**:
  - Central support element may be included to enhance the structural integrity of the cable.
- **Inner Sheath**:
  - Made of PCP (Polychloroprene) type 5GM5, providing robust mechanical protection.
- **Twist Braid**:
  - Polyester wire reinforcement braid, vulcanized and bonded between the inner and outer sheath, increasing the cable's durability.
- **Outer Sheath**:
  - Also made of PCP type 5GM5, ensuring excellent resistance to abrasion, impact, oils, and chemicals.

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No. × mm <sup>2</sup>	mm	mm	kg/km
4x95(50 kN)	53	58	6500