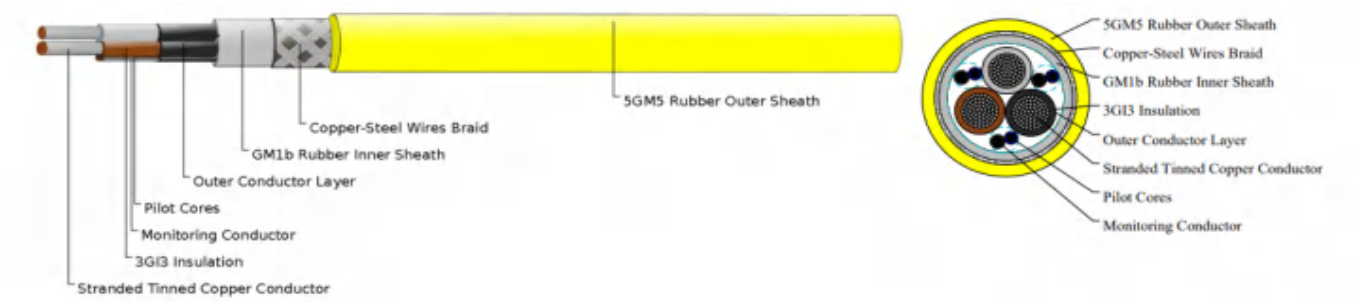
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VDE 0250 Underground Mining Cable

NSSHCGEOEU 0.6/1kV Coal Cutter Cable (High Tensile Stress) 3×70/35KON+3ST+3UEL



APPLICATIONS

Type NSSHCGEOEU 0.6/1kV Coal Cutter Cable (High Tensile Stress) are designed for connecting mobile machinery subjected to exceptionally high mechanical stress, primarily in mining operations, such as coal-cutting machines. They are also suitable for use with guide pulleys (cable cars) or as reeling cables (LHD), and are capable of withstanding extreme bending, high tensile stress, and impact and crushing forces.

STANDARDS

VDE 0250 Part 812

CABLE CONSTRUCTION

Conductors: Flexible stranded tinned copper.
Insulation: Heat-resistant 3GI3 rubber based on EPR.
Outer Conductor Layer: Easily strippable conductive layer.
Pilot Cores: Copper and steel conductors designed for expansion and compression, insulated with 3GI3 EPR rubber.
Monitoring Conductor: Copper and steel conductors designed for expansion and compression, covered with a semi-conductive rubber compound.
Inner Sheath: GM1b type rubber.
Armour/Earth Conductor: Tensile-stress-resistant concentric earth conductor with braided armour of combined copper-steel wires.
Outer Sheath: 5GM5 type rubber, resistant to abrasion, tearing, oil, and flame.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm²	mm	mm	kg/km
3×70/35KON+3ST+3UEL	54.5	58.5	6000