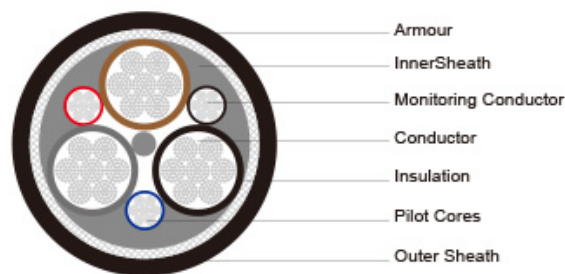


NSSHCGEOEU 0.6/1kV Coal Cutter Cable (Low Tensile Stress)



Applications	These cables are used for the connection of mobile machines under extremely high mechanical loads, predominantly in mining situations, e.g. for coal-cutting machines, suitable for extreme bending loads under low tensile stress.
Standards	DIN VDE 0250 Part 812
Construction	
Conductors	Flexible stranded tinned copper conductor.
Insulation	Heat resistant 3GI3 rubber based on EPR.
Outer Conductor Layer	Easy strippable outer conductive layer.
Pilot Cores	Copper strand and steel braid conductor capable of expansion and compression with EPR rubber insulation.
Monitoring Conductor	Spiral of tinned copper wires above the pilot cores, covered with a semi-conductive tape.
Inner Sheath	Rubber type GM1b.
Armour/Earth Conductor	Concentric earth conductor as spiral of copper and steel wires, fibreglass tape, embedded in the outer sheath which prevents sheath exchanging.
Outer Sheath	Rubber type 5GM5, abrasion and tear resistant, oil resistant and flame retardant.

Dimensions and Weight

Number of Cores × Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. × mm ²	mm	mm	kg/km
3 × 16/16KON+2ST+UEL	35.0	38.0	2130
3 × 25/16KON+2ST+UEL	38.0	41.0	2790
3 × 35/16KON+2ST+UEL	41.0	45.0	3390
3 × 50/25KON+2ST+UEL	47.0	51.0	4340
3 × 70/35KON+2ST+UEL	52.0	56.0	5680
3 × 95/50KON+2ST+UEL	58.0	62.0	7180
3 × 25/16KON+3 × (1.5ST+UEL)	38.0	41.0	2920
3 × 35/16KON+3 × (1.5ST+UEL)	41.0	45.0	3630

3×50/25KON+3×(1.5ST+UEL)	45.0	48.0	4500
3×70/35KON+3×(1.5ST+UEL)	48.0	53.0	5850
3×95/50KON+3×(1.5ST+UEL)	52.0	56.0	7400
3×120/70KON+3×(1.5ST+UEL)	58.0	63.0	8300
3×150/70KON+3×(1.5ST+UEL)	62.0	68.0	9300