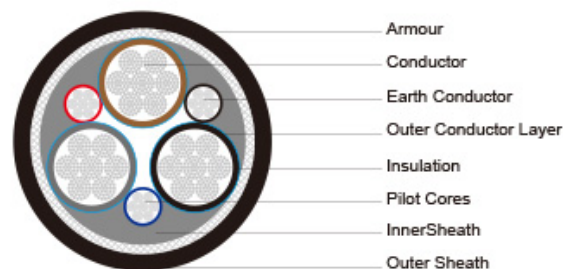


NTSKCGERLOEU Medium-Voltage Coal Cutter Cable



Applications	These cables are used for the connection of mobile electrical equipment in underground mines, e.g. for coal-cutting machines, especially for the use in belt chains with extreme bending loads under low tensile stress.
Standards	VDE 0250 Part 813
Construction	
Conductors	Flexible stranded tinned copper conductor.
Insulation	Heat resistant 3GI3 rubber based on EPR.
Outer Conductor Layer (for 3.6/6kV)	Easy strippable outer conductive layer.
Pilot Cores	Copper/steel conductor capable of expansion and compression with EPR rubber insulation.
Earth Conductor	Spiral of tinned copper wires and a conductive tape.
Inner Sheath	2 layer design, semi conductive rubber + Rubber type 5GM5.
Armour	Spiral of steel wires, embedded in the outer sheath, fiberglass tape which prevents sheath exchanging.
Outer Sheath	Rubber type 5GM5, abrasion and tear resistant, oil resistant and flame retardant.

Dimensions and Weight

1.8/3 (3.6) kV

Number of Cores × Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. × mm ²	mm	mm	kg/km
3×35+3×(1.5ST+25/3)+UEL	44.0	49.0	3900
3×50+3×(1.5ST+25/3)+UEL	50.0	55.0	5100
3×70+3×(1.5ST+35/3)+UEL	52.0	56.0	6200
3×95+3×(1.5ST+50/3)+UEL	58.0	62.0	7500
3×120+3×(1.5ST+70/3)+UEL	64.0	70.0	9350

3.6/6 (7.2) kV

Number of Cores × Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
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No.×mm ²	mm	mm	kg/km
3×35+3×(1.5ST+25/3)+UEL	49.0	54.0	5800
3×50+3×(1.5ST+25/3)+UEL	56.0	61.0	6100
3×70+3×(1.5ST+35/3)+UEL	57.0	62.0	6700
3×95+3×(1.5ST+50/3)+UEL	62.0	66.0	8000
3×120+3×(1.5ST+70/3)+UEL	67.0	71.0	10200