



NTSKCGERLOEU Medium Voltage Coal Cutter Cable

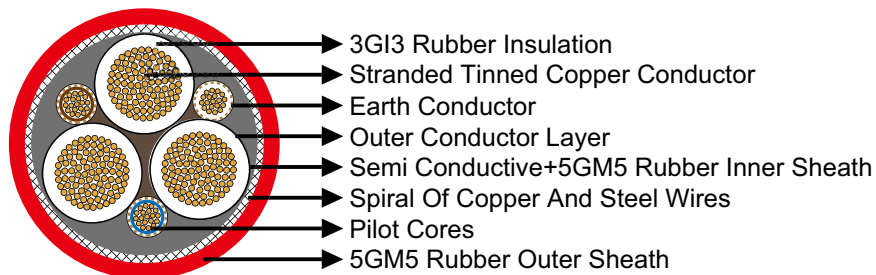
» Applications

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 bretby 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, fibreglas tape which prevents sheath exchanging.

Outer Sheath: Rubber type 5GM5, abrasion and tear resistant, oil resistant and flame retardant.



» Dimensions and Weight

1.8/3kV

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

3.6/6kV

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	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