



Caledonian

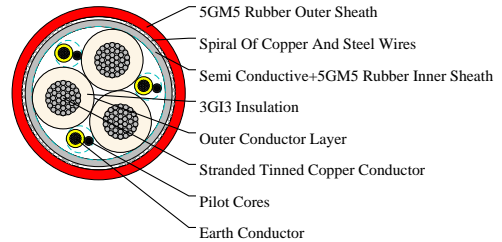
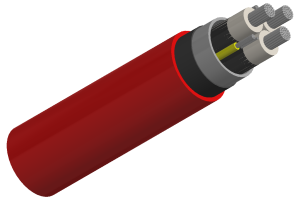
Mining Cables (VDE Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

Cables for Underground Mining

NTSKCGERLOEU Medium Voltage Coal Cutter Cable 3×70+3×(1.5ST+35/3)+UEL



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

VOLTAGE RATING

3.6/6kV

CABLE 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/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.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No. × mm ²	mm	mm	kg/km
3×70+3×(1.5ST+35/3)+UEL	57	62	6700