



# Caledonian

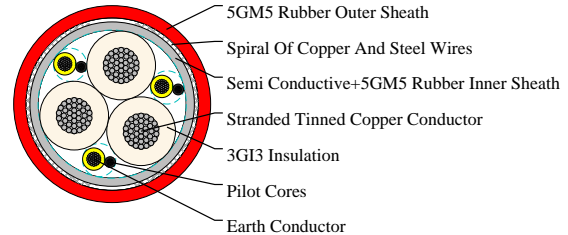
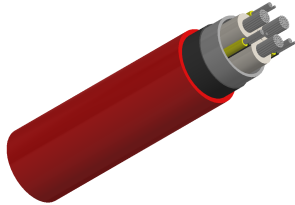
Mining Cables (VDE Standard)

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## Cables for Underground Mining

NTSKCGERLOEU Medium Voltage Coal Cutter Cable 3×50+3×(1.5ST+25/3)+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

1.8/3kV

### CABLE CONSTRUCTION

Conductors: Flexible stranded tinned copper conductor.

Insulation: Heat resistant 3GI3 rubber based on EPR.

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 <sup>2</sup>	mm	mm	kg/km
3×50+3×(1.5ST+25/3)+UEL	50	55	5100