



Caledonian

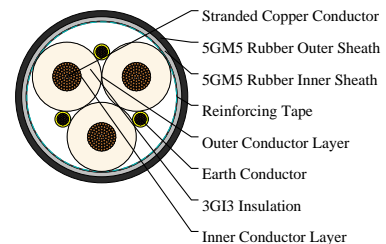
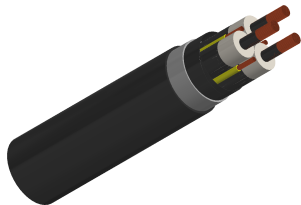
Mining Cables (VDE Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

Cables for Open-cast Mining

NTSCGEWOEU Flexible Medium Voltage Trailing Cable 3×120+3×70/3



APPLICATIONS

These cables are used as power supply or connection cables for large material handling machines, e.g. excavators in open-cast mines subject to extremely high mechanical stresses. Particularly suitable for applications in which abrasion and chaffing stresses are to be expected in trailing operation.

STANDARDS

VDE 0250 Part 813

VOLTAGE RATING

18/30 kV

CABLE CONSTRUCTION

Conductors: Flexible stranded tinned copper conductor, class 5 according to DIN VDE 0295.

Inner Conductor Layer: Semiconductive layer.

Insulation: Rubber type 3GI3.

Outer Conductor Layer: Semiconductive layer.

Earth Conductor: Split into three in the outer interstices or Individual concentric distributed over core insulating coverings (coding...../3E).

Reinforcing Tape: Extremely tear-resistant reinforcing tape.

Inner Sheath: Rubber type 5GM5, abrasion and tear resistant, oil and ozone resistant.

Outer Sheath: Rubber type 5GM5, abrasion and tear resistant, oil and ozone resistant, inseparably bonded with inner sheath.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm ²	mm	mm	kg/km
3×120+3×70/3	90.6	95.6	12830