



# Caledonian

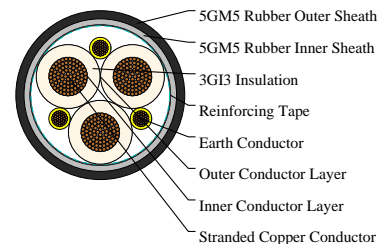
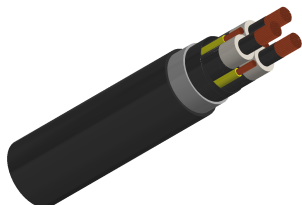
Mining Cables (VDE Standard)

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## 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

3.6/6 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 <sup>2</sup>                 | mm                      | mm                      | kg/km          |
| 3×120+3×70/3                        | 65.6                    | 69.6                    | 8110           |