



# Caledonian

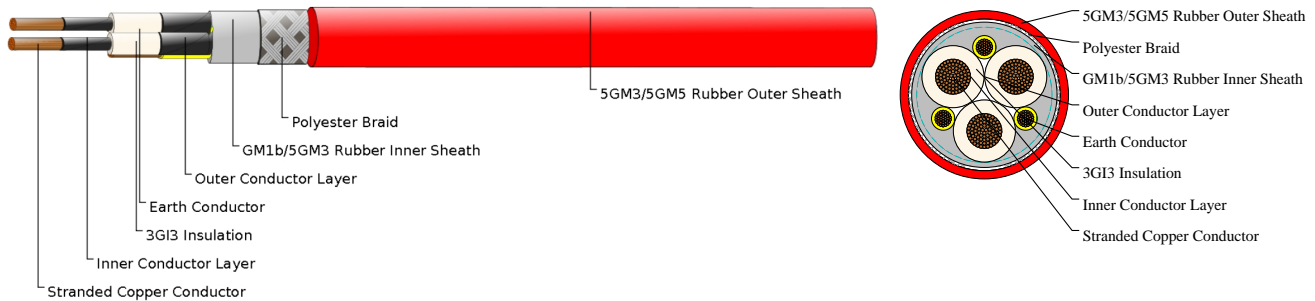
Mining Cables (VDE Standard)

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## Cables for Open-cast Mining

(N)TSCGEWUEU Medium Voltage Reeling Cable Without Fibre Optics 3×70+3×50/3



## APPLICATIONS

These cables are used for connection of large mobile equipment such as excavators and spreaders, loading bridges, gantry cranes, construction machines, etc., under very high mechanical loads, in dry or damp environment, also in environments with high explosion risk.

## STANDARDS

VDE 0250 Part 813

## VOLTAGE RATING

8.7/15 kV

## CABLE CONSTRUCTION

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

Inner Conductor Layer: Semiconductive layer.

Insulation: EPR type 3GI3.

Outer Conductor Layer: Semiconductive layer.

Earth Conductor: Incorporated as a fourth core or distributed within the outer interstices.

Inner Sheath: Rubber type GM1b/5GM3.

Reinforcement: Polyester anti-torsion braid.

Outer Sheath: Chlorinated rubber type 5GM3/5GM5, flame retardant and oil resistant.

## 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          |
| 3×70+3×50/3                         | 53.1                    | 57.1                    | 5303           |