



# Caledonian

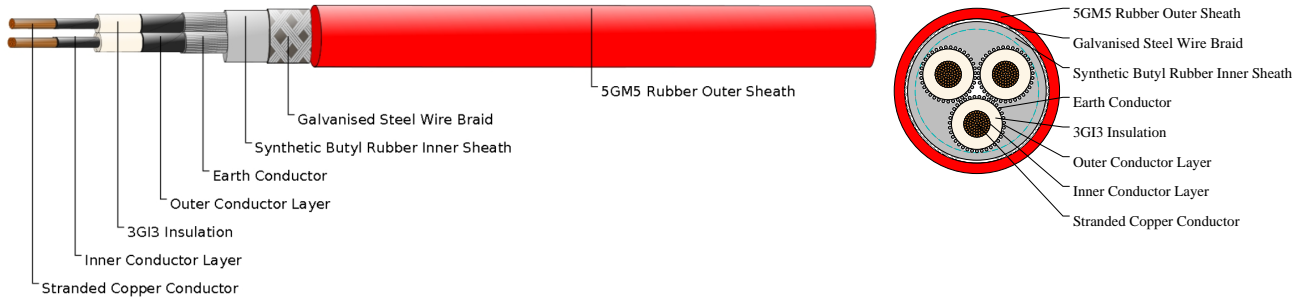
Mining Cables (VDE Standard)

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## Cables for Underground Mining

NTSCGERLWOEU 3.6/6kV Flexible Submersible Cable 3×50+3×25/3E



## APPLICATIONS

These cables are used for permanent operation in water where the cable is required to have additional mechanical protection.

## STANDARDS

VDE 0250 Part 812

## CABLE CONSTRUCTION

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

Inner Conductor Layer: Special rubber compound, conductive.

Insulation: Rubber type 3GI3.

Outer Conductor Layer: Special rubber, conductive, easy strippable.

Pilot Cores (optional): Copper conductor with EPR insulation.

Earth Conductor: Spiral of tinned annealed copper wires.

Inner Sheath: Waterproof synthetic butyl rubber.

Armouring: Braid of galvanised steel strands.

Outer Sheath: Rubber type 5GM5.

## 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+3×25/3E                        | 59                      | 67                      | 5600           |