



# Caledonian

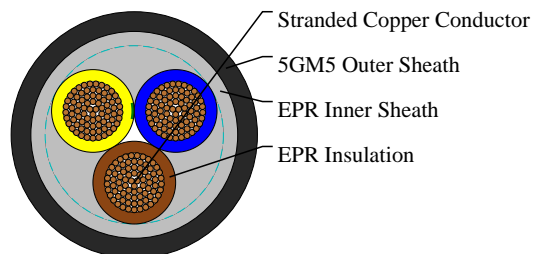
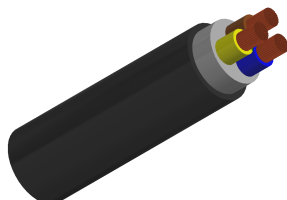
Mining Cables (VDE Standard)

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## Cables for Open-cast Mining

(N)SHOEU-J 0.6/1kV Flexible cable 3G10



## APPLICATIONS

These cables are designed for use in open cast mining factories for laying of excavators and conveyor belts with permanent movements between parts of the equipment. These cables are used where the ascending pipe serves as earth conductor, for instance for submersible pumps.

## STANDARDS

VDE 0250 Part 812

## CABLE CONSTRUCTION

Conductors: Flexible stranded copper conductor, class 5 according to DIN VDE 0295/IEC 60228.

Insulation: EPR.

Earth Conductor: Incorporated as a fourth core or split into three in the outer interstices.

Inner Sheath: EPR.

Outer Sheath: CM type 5GM5.

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional Area | Nominal<br>Insulation<br>Thickness | Nominal<br>Inner Sheath<br>Thickness | Nominal<br>Outer Sheath<br>Thickness | Overall<br>Diameter<br>(min.) | Overall<br>Diameter<br>(max.) | Approx.<br>Weight |
|--|------------------------------------|--------------------------------------|--------------------------------------|-------------------------------|-------------------------------|-------------------|
| No. × mm <sup>2</sup>                      | mm                                 | mm                                   | mm                                   | mm                            | mm                            | kg/km             |
| 3G10                                       | 1                                  | 1                                    | 1.4                                  | 16.8                          | 18.8                          | 570               |