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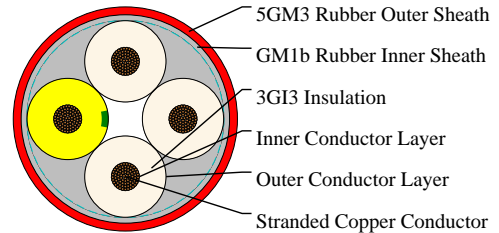
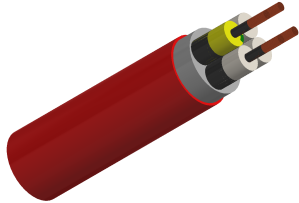
Mining Cables (VDE Standard)

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Cables for Open-cast Mining

NTSCGEWOU Medium Voltage Flexible Cable For Use In Water 3×70/70



APPLICATIONS

These cables are designed for operation in water for connection to dredgers, floating docks, pumps, etc., in applications where high mechanical stresses are to be expected, also suitable for use in sewage, salt water and brackish water at water depths of up to 500 m.

STANDARDS

VDE 0250 Part 813

VOLTAGE RATING

20/35 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: Incorporated as a fourth core.

Inner Sheath: Rubber compound type GM1b with characteristics of waterproof and prevention of formation of water bubbles.

Outer Sheath: Waterproof rubber type 5GM3.

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | Overall Diameter (min.) | Overall Diameter (max.) | Approx. Weight |
|-------------------------------------|-------------------------|-------------------------|----------------|
| No. × mm ² | mm | mm | kg/km |
| 3×70/70 | 102 | 110 | 14950 |