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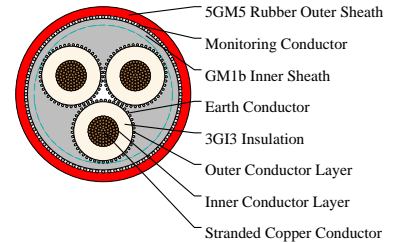
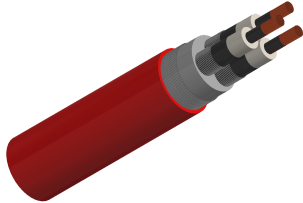
Mining Cables (VDE Standard)

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Cables for Underground Mining

(N)TSCGECW0EU Medium Voltage Trailing Cable 3×120+3×70/3E+6UEL



APPLICATIONS

These cables are used for the connection of electrical equipment, in mines and underground excavations with hazardous environments under particularly high mechanical loads, e.g. high-voltage transformers on power lines in underground mining and tunnelling.

STANDARDS

VDE 0250 Part 813

VOLTAGE RATING

12/20 (24) kV

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 compound, conductive, easy strippable.

Earth Conductor: Spiral of tinned copper wires.

Inner Sheath: Rubber type GM1b.

Monitoring Shield/Armour: Braided armour of combined copper-steel wires; or wrap of copper and steel wires, copper tape in opposite direction, reinforcing tape.

Outer Sheath: Rubber type 5GM5.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm ²	mm	mm	kg/km
3×120+3×70/3E+6UEL	80	85	13000