



Caledonian

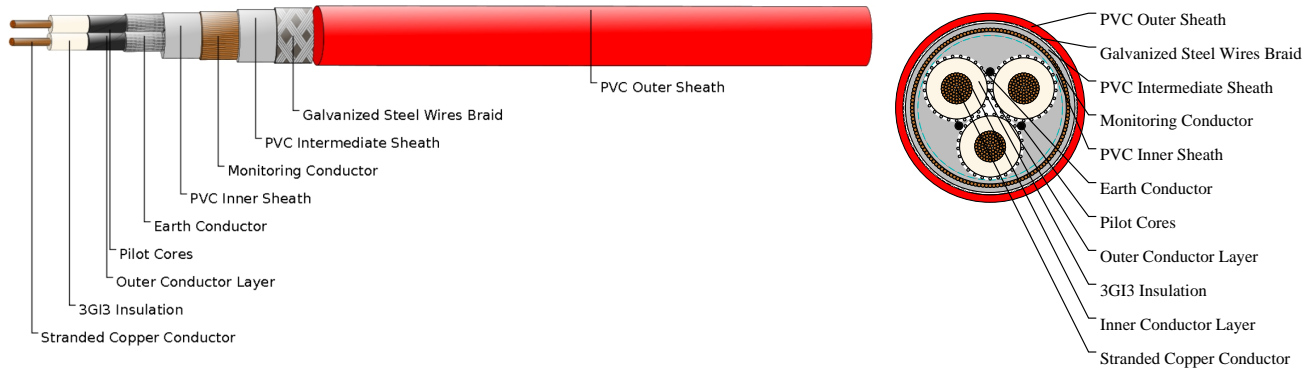
Mining Cables (VDE Standard)

www.caledonian-cables.com

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Cables for Underground Mining

N3GHSSYCY Medium Voltage Cable 3×95+3×50/3E+3×2.5ST+UEL



APPLICATIONS

These cables are used for the connection of mobile operating equipment, in mines and underground excavations with hazardous environments, in stationary operation, e.g. high-voltage transformers in mining and tunnelling.

STANDARDS

VDE 0250 Part 605

VOLTAGE RATING

12/20kV

CABLE CONSTRUCTION

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

Insulation: EPR compound type 3GI3.

Electrical Field Control: Inner and outer semiconductive layer of semiconductive rubber.

Pilot Cores: Stranded copper conductor with EPR insulation.

Earth Conductor: Spiral of copper wires over the outer semi-conductive layer of the cores.

Inner Sheath: PVC compound type YM5.

Monitoring Conductor: Conductive tape serving and overall concentric Cu wire spinning.

Intermediate Sheath: PVC compound type YM5.

Armour: Braid of galvanized steel wires.

Outer Sheath: PVC compound type YM5.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No. × mm ²	mm	mm	kg/km



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