



Caledonian

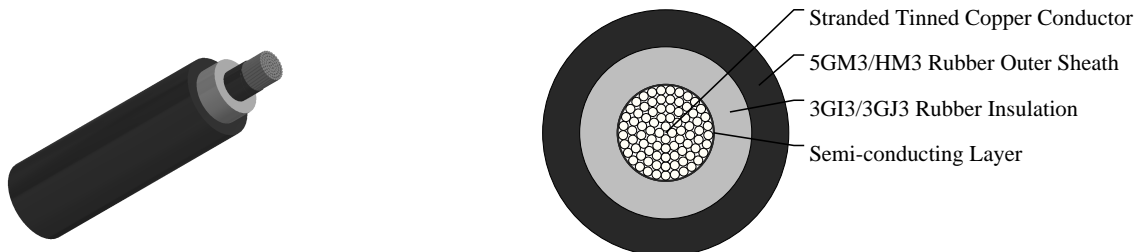
Mining Cables (VDE Standard)

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Cables for Underground Mining

NSGAFOEU/NSHXAFOE Medium Voltage Single Core Cables 1C16



APPLICATIONS

These cables are designed for fixed installation in track-bound vehicles and buses, in pipes and closed installation ducts, as well as for the connection of mobile parts. 3 kV-rated cables can be used in low-voltage switch boards to ensure inherently short-circuit and earth-fault proof connections.

STANDARDS

DIN VDE 0250 Part 602 (for NSGAFOEU/NSGAFCMOEU)

DIN VDE 0250 Part 606 (for halogen free version NSHXAFOE/NSHXAFCMOE)

VOLTAGE RATING

3.6/6kV

CABLE CONSTRUCTION

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

Inner Conductor Layer: Semi-conducting layer.

Insulation: EPR compound type 3GI3/3GJ3.

Outer Sheath: Chlorinated rubber type 5GM3, oil resistant and flame retardant (for NSGAFOEU/NSGAFCMOEU).

Halogen-free polymer compound HM3, oil-resistant, flame retardant, low smoke (for NSHXAFOE/NSHXAFOE).

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
No.×mm ²	mm	mm	kg/km
1×16	12.6	15.5	350