



Caledonian

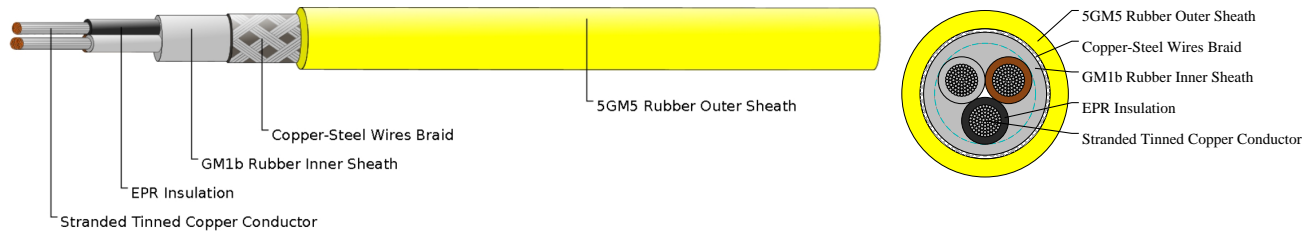
Mining Cables (VDE Standard)

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Cables for Underground Mining

H07RN8-F 450/750V Harmonized Rubber Cables 3C50/25KON



APPLICATIONS

These cables are used for the connection of mobile machines under extremely high mechanical loads, predominantly in mining situations, also can be operated via guide pulleys (cable cars) or used as a reeling cable (LHD), suitable for extreme bending loads, high tensile stress, and impact and crushing loads.

STANDARDS

VDE 0250 Part 813

CABLE CONSTRUCTION

Conductors: Flexible stranded tinned copper conductor, class 6 according to DIN VDE 0295.

Insulation: EPR.

Pilot Cores (optional): Special conductor, tinned copper braid and galvanised steel wire braid.

Inner Sheath: Rubber type GM1b.

Armour/Earth Conductor: Concentric earth conductor as tensile-stress-resistant braided armour of combined copper-steel wires.

Outer Sheath: Chlorinated rubber type 5GM5, abrasion and tear resistant, oil resistant and flame retardant.

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No. × mm ²	mm	mm	mm	mm	kg/km
3x50/25KON	2	3	5	56	4950