



Caledonian

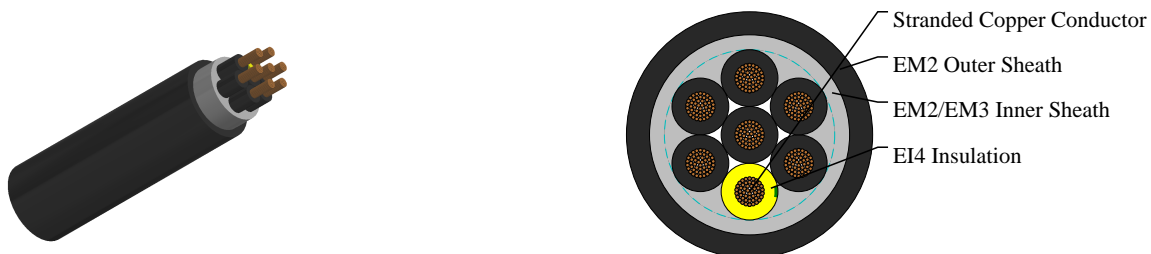
Mining Cables (VDE Standard)

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Cables for Underground Mining

H07RN-F/A07RN-F 450/750V Harmonized Rubber Cables 7G2.5



APPLICATIONS

These cables are designed for the connection of heating units, industrial tools, mobile equipment and machines, e.g. vulcanisation plates, hand-operated equipment, transportable motors etc., under normal mechanical loads in dry and damp areas, outdoors and in explosion hazard areas, as well as in industrial and agricultural applications and on building sites.

STANDARDS

DIN VDE 0282 Part1 and Part 4

HD 22.1/HD 22.4

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

Conductors: Stranded copper conductor, class 5 according to DIN VDE 0295/HD 383 S2.

Insulation: Rubber type EI4 according to DIN VDE 0282 Part 1/HD 22.1.

Inner Sheath: NR/SBR rubber type EM1.

Outer Sheath: CR/PCP rubber type EM2.

DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Outer Sheath Thickness | Overall Diameter (min.) | Overall Diameter (max.) | Approx. Weight |
|--|------------------------------------|--------------------------------------|--------------------------------------|-------------------------------|-------------------------------|-------------------|
| No. × mm ² | mm | mm | mm | mm | mm | kg/km |
| 7G2.5 | 0.9 | 1.1 | 1.7 | 17 | 20 | 510 |