



Caledonian

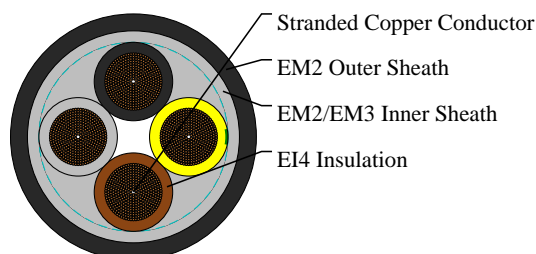
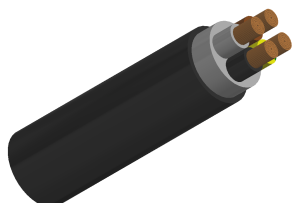
Mining Cables (VDE Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

Cables for Underground Mining

H07RN8-F 450/750V Harmonized Rubber Cables 4G50



APPLICATIONS

These cables are designed for use in submersible pumps and similar applications in water for industrial use up to a water depth of 10 m and water temperature-ranges up to 40°C, also approved for dry, humid and wet applications.

STANDARDS

DIN VDE 0282 Part1 and Part 16

HD 22.1/HD 22.16 S1

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

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

Insulation: Rubber type EI4 according to DIN VDE 0282 Part 16.

Inner Sheath: Rubber type EM2/EM3 according to DIN VDE 0282 Part 16.

Outer Sheath: Rubber type EM2 according to DIN VDE 0282 Part 16.

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 |
| 4G50 | 1.6 | 1.9 | 2.9 | 37.7 | 42 | 3350 |