



## GENERAL INFO

### Product description

DRAKAFLEX H07RN-F Eca is a **flexible neoprene cable**. The cable is used to connect mobile devices and motors, in temporary installations, in workshops, and on construction sites.

The cable is **mechanically strong and wear-resistant** thanks to the neoprene or polychloroprene sheath. This guarantees reliable operation in environments with high mechanical strength demands. The sheath is also **very resistant to oil and weather influences** (ozone and UV light) and oil and has a long service life. The flexible conductor (Class 5) makes this cable **flexible to install** and easy to use with mobile devices.

The cable meets fire grade **Eca** according to NEN-EN 50575 for use in buildings with a low fire risk according to NEN 8012.

### Generic name(s)

H07RN-F, RMcL

## CERTIFICATIONS AND DESIGN STANDARDS

### Certifications and approvals



## CABLE DESIGN

Conductor material	Copper
Conductor surface	Bare
Core insulation material	EPR rubber
Stranding	Layers
Core identification (acc. HD 308 S2)	Yes
Material outer sheath	Neoprene rubber
Cable shape	Round

## APPLICATION PROPERTIES

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Oil resistant	acc. IEC/EN 60811-404
Max. conductor temperature [°C]	60
Min. outer temperature, fixed installation [°C]	-25
Max. outer temperature, fixed installation [°C]	50
UV resistant	Yes
Outdoor installation	Yes
Min. outer temperature during installation [°C]	-25
Max. outer temperature during installation [°C]	50

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## FIRE PROPERTIES

Flame retardant	In accordance with EN 13501-6
CPR Euroclass reaction to fire	Eca

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## PRODUCT RANGE

Product code	817542
Basic construction	5G6 mm <sup>2</sup>
Conductor category	Class 5 = flexible
Colour outer sheath	Black
Nominal outer diameter [mm]	18.5
Cable weight [kg/km]	577
Min. bending radius, fixed [mm]	74
DOP number	1013272

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## ELECTRICAL PROPERTIES

Product code	817542
Basic construction	5G6 mm <sup>2</sup>
Current carrying capacity [A]	36
Conductor resistance at 20° C [Ohm/km]	3.3
Conductor resistance at operation temperature [Ohm/km]	3.82

Current load according to NEN1010:2015, Table 52.B

## PACKAGING

External article code	Standard packaging quantity	User unit	Packaging type
817542NN	1	MTR	Without packaging