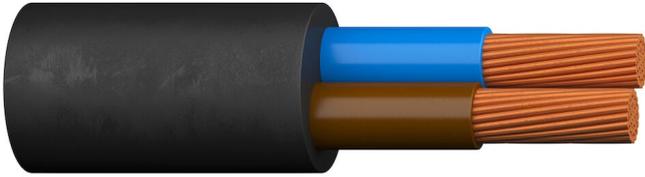


# H05RN-F 2X0.75

Flexible neoprene rubber cable



## APPLICATION

H05RN-F Eca is a **flexible neoprene cable**. The cable is used to connect mobile devices, motors and electric tools, as an extension cable, 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 medium 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.

## CERTIFICATIONS AND DESIGN STANDARDS



**EN 60228**  
**EN 50525-2-21**  
**HD 308 S2**  
**EN 60332-1-2**

Conductor standard  
 Flexible rubber cables  
 Identification of cores in cables and flexible cords  
 Vertical flame propagation for a single insulated wire or cable

Conductor material	Copper
Core insulation material	EPR rubber
Core identification (acc. HD 308 S2)	Yes
Material outer sheath	Neoprene rubber

Max. conductor temperature [°C]	60
Permitted cable outer temperature after assembling without vibration (min) [°C]	-25
Permitted cable outer temperature during assembling/handling (min) [°C]	-25

Flame retardant	In accordance with EN 13501-6
Reaction-to-fire class (acc. EN 13501-6)	Eca

## PRODUCT PROPERTIES

Conductor category	Class 5 = flexible
Shape of conductor	Round
Nominal cross section conductor [mm <sup>2</sup> ]	0.75
Number of cores	2
With protective conductor	No
Colour outer sheath	Black
Nominal outer diameter [mm]	6
Conductor resistance at 20° C [Ohm/km]	26.7
Current carrying capacity in air [A]	6
Cable weight [kg/km]	52
Min. bending radius during installation [mm]	30
DOP number	1004463

Current load in air, installation method E, temperature 30°C

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
H05RN-F ECA BK 2X0,75 MM2 DRK2000	8711401185174	Drum	2,000
H05RN-F ECA BK 2X0,75 MM2 DRK6000	8711401185167	Drum	6,000
H05RN-F ECA BK 2X0,75 MM2 DRKNN	8711401185181	Without packaging	1