

# NOVACORD

## H07RN-F 3G2.5



Bare copper



Chemical  
resistance



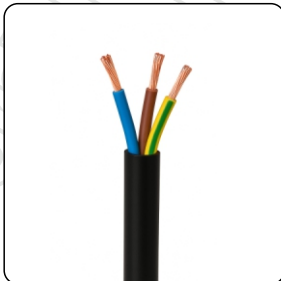
Mechanical  
resistance



Fire  
performance

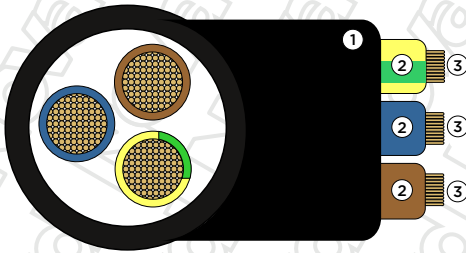
**NOVACORD H07RN-F** is a flexible rubber-insulated power cable designed for operation in demanding environments. Manufactured in accordance with the international standard EN 50525-2-21, it delivers high mechanical strength and resistance to chemicals, oils, ultraviolet exposure, and moisture. It provides reliable power supply for both stationary and portable electrical equipment in industrial, construction, and agricultural settings, as well as in mobile installations.

Pictures:



**HIGHEST QUALITY - RELIABILITY - INNOVATION**

Novacord



- 1 - Jacket
- 2 - Insulation
- 3 - Conductor

## Structure

### Conductor

Cross Sec. Area	2.5 mm <sup>2</sup>
No. of Cores	3 cores
Material	Bare copper
Flexibility	Class 5

### Insulation

Material	Thermosetting rubber, E17
Color	brown, blue, yellow/green

### Jacket

Material	Thermosetting flexible rubber, EM2
Diameter	11.7±0.2 mm
Color	Black

## Mechanical properties

Minimum bending radius, stationary	4xD
Minimum bending radius, mobile	6 to 8 x D
Impact resistance	AG 2
Operating temperature, fixed	-40°C +90°C
Operating temperature, mobile	-35°C +90°C
Approximate weight	210 kg/km

### Electrical properties

Nominal voltage	450/750 V
Test voltage	2.5 kV
Current rating, fixed	36A

### Standarts

Outer sheath	Thermosetting flexible rubber outersheath type EM2 according to EN 50363-2-1
Insulation	Thermosetting rubber insulation type EI7 according to EN 50363-1
Conductor	Bare copper, Class 5 according to IEC 60228
Chemical & Oil resistance	According to EN 50363-2-1
Fire performance	Flame non-propagation according to IEC 60332-1

© NOVACORD Inc. 2022 All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Novacord Inc. Although Novacord makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission

Novacord Inc. provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Novacord be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Novacord has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Novacord Inc. The information is believed to be correct at the time of issue. Novacord Inc. reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Novacord Inc.