

# H07RN-F Heavy Duty Rubber Flexible Cable

## Features & Benefits

- Voltage rating of 450/750V
- Flexibility even at low temperatures
- Able to withstand chemical, mechanical, and thermal stresses.
- Can be installed in dry, damp, or wet environments and in workshops with explosive atmospheres.

## Specifications

- Voltage Rating: Uo/U 450/750V
- Temperature Rating: -30°C to +60°C
- Fixed protected installations: +85°C
- Flexed: -15°C to +60°C
- EN 50525-2-21, EN 60228
- Flame Retardant according to IEC/EN 60332-1-2
- Water Resistant according to AD7

### Standard Colours & Colour Codes

Black - 0

Size (mm <sup>2</sup> )	Core Count	Part Reference
1.5mm <sup>2</sup>	3 Core	H07RN-F-3C-1.5MM-0-CLS-BLACK
1.5mm <sup>2</sup>	4 Core	H07RN-F-4C-1.5MM-0-CLS-BLACK
2.5mm <sup>2</sup>	3 Core	H07RN-F-3C-2.5MM-0-CLS-BLACK
2.5mm <sup>2</sup>	4 Core	H07RN-F-4C-2.5MM-0-CLS-BLACK
4.0mm <sup>2</sup>	3 Core	H07RN-F-3C-4MM-0-CLS-BLACK
4.0mm <sup>2</sup>	4 Core	H07RN-F-4C-4MM-0-CLS-BLACK
6.0mm <sup>2</sup>	5 Core	H07RN-F-5C-4MM-0-CLS-BLACK
25.0mm <sup>2</sup>	4 Core	H07RN-F-4C-25MM-0-CLS-BLACK
35.0mm <sup>2</sup>	4 Core	H07RN-F-4C-35MM-0-CLS-BLACK
50.0mm <sup>2</sup>	4 Core	H07RN-F-4C-50MM-0-CLS-BLACK

### Core Identification

3 core: Green/Yellow ● Blue ● Brown ●

4 core: Green/Yellow ● Brown ● Black ● Grey ●

5 core: Green/Yellow ● Blue ● Brown ● Black ● Grey ●

The H07RN-F, is a heavy-duty, rubber flexible trailing cable ideal for heavy-duty and construction-level wiring. Specifically designed to provide high flexibility and to withstand chemical, mechanical and thermal stresses.

Due to its rubber over sheath, the H07RN-F can be constantly immersed in fresh water to a depth of up to 10 metres at a water temperature of +40°C. This makes it suitable as an energy supply cable for submersed pumps. It is commonly used as a floater switch to connect equipment in industrial water and in flexible applications in swimming pools.

## Applications

These cables are designed to provide high flexibility and have the capacity to withstand weather, oil/grease,

- Worksites
- Construction Yards
- Docks
- Garages
- Dams
- Building sites
- Handling equipment
- Portable saws
- Grinders
- Welders
- Pumps
- Transformers

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted

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