

Based on:

HD 22.4 / UNE 21027-4



LOW VOLTAGE 450/750 V



AENOR



# XTREM

# H07RN-F

Power and flexibility to the limit.



## DESIGN

### Conductor

Electrolytic copper, class 5 or 6 (flexible), based on EN 60228

### Insulation

Thermosetting rubber (type EI4).

The standard identification is the following:

- 1 x ..... natural
- 2 x ..... Brown + Blue
- 3 G ..... Brown + Blue + Yellow/green
- 4 G ..... Brown + Black + Grey + Yellow/green
- 5 G ..... Brown + Black + Grey + Blue + Yellow/green
- 6 G or more ..... Black numbered + Yellow/Green

### Outer sheath

Thermosetting rubber (type EM2). Black colour.

## APPLICATIONS

Top Cable H07RN-F cables are designed to supply power to low voltage appliances including electric motors and submersible pumps in deep water installations as well as many other types of electrical equipment. Thanks to its extraordinary flexibility and mechanical strength, the Xtrem H07RN-F cable is ideal for power transmission in both fixed installation or mobile service. The cable has been manufactured using compounds which have much better behaviour than the ones specified in the standards. This fact makes the Xtrem H07RN-F cable a multipurpose one. Nominal voltage up to 1000 V possible thanks to the high dielectric properties of the insulation material (according to HD 516).

### Packaging

Available in rolls (lengths of 50 and 100 m) and coils.



## CHARACTERISTICS



Flexible conductor, class 5/6



Minimum bending radius 3&4 cable diameter



Outdoor installation: permanent



Grease & mineral oils resistance: excellent



Industrial use



Robotics



Minimum service temperature: -40°C



Meter by meter marking



Water resistance ADB submerged



Abrasion resistance: excellent



Industrial mobile use



Open air



Maximum service temperature 90°C



Flame non-propagation



Chemical & Oil resistance: excellent



Anti-twist resistant: excellent



Heavy mobile use



Submerged



Maximum short-circuit temperature: 250°C (max. 5 s)



Impact resistance AG2 medium impact



Low temperature resistance: excellent (-25°C)



Submersible pumps



Windmills



Deep wells

National norm / European: EN 60332-1 International norm: IEC 60332-1