

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 advanced compounds which have much better behaviour than the standard cables of this type. This means that the XTREM H07RN-F is a multipurpose cable. The nominal voltage up to 1000 V 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	Minimum bending radius 3&4 cable diameter	Outdoor installation: permanent	Grease & mineral oils resistance	Industrial use	Robotics
Minimum service temperature: -25°C (mobile) -40°C (Fixed and protected installation)	Meter by meter marking	Water resistance A08 Submersion	Abrasion resistance	Industrial mobile use	Open air
Maximum service temperature 90°C	Flame non-propagation	Chemical & Oil resistance: excellent	Torsion resistance	Heavy mobile use	Submerged
Maximum short-circuit temperature: 250°C (max. 5 s)	Impact resistance AG2 Medium severity	Low extreme temperature resistance: excellent (-25°/-40°C)	Submersible pumps	Windmills	Deep wells