



XTREM H07RN-F

Flexible rubber cable, for industrial use.

EN 50525-2-21 / IEC 60245-4

DESIGN



1. Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228 and IEC 60228.

2. Insulation

Rubber (type EPR).

The standard identification of insulated conductors is the following:

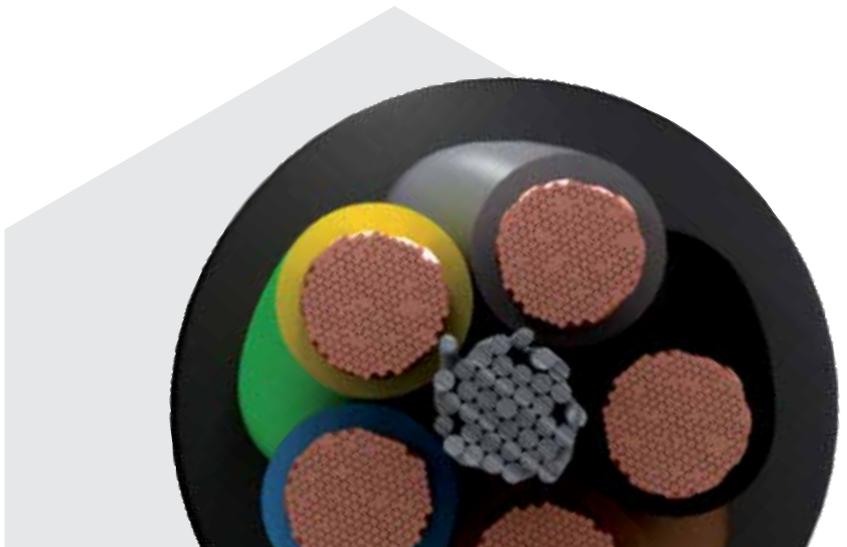
1 x	natural
2 x	Brown + Blue
3 G	Brown + Blue + Green/Yellow
4 G	Brown + Black + Grey + Green/Yellow
5 G	Brown + Black + Grey + Blue + Green/Yellow
6 G or more	Black numbered + Green/Yellow

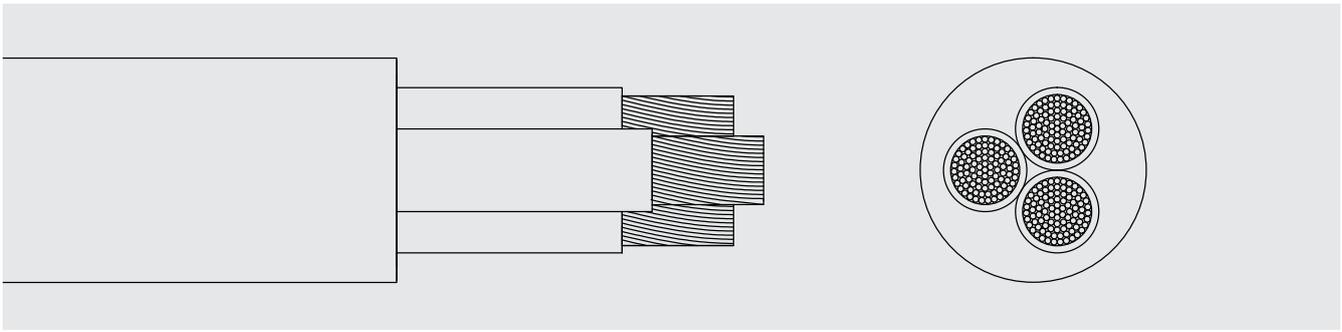
3. Outer sheath

Flexible rubber. Black colour.

APPLICATIONS

Xtrem H07RN-F rubber 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 nominal voltage up to 1000 V thanks to the high dielectric properties of the insulation material (according to HD 516).





CHARACTERISTICS



Electrical performance

LOW VOLTAGE 450/750 V



Standard

EN 50525-2-21 / IEC 60245-4



Approvals

CE
SEC
HAR
AENOR
DNV
SASO
RoHS
Safe drinking water certificate



E_{ca}



Thermal performance

Maximum service temperature: 90°C.
Maximum short-circuit temperature: 250°C (max. 5 s).
Minimum service temperature: -40°C (fixed and protected installations) and -25°C (mobile use)



Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.



Mechanical performance

Minimum bending radius: 3 x cable Ø (up to 12 mm²).
4 x cable Ø (from 12 mm² onwards).
Impact resistance: AG2 Medium severity.



Chemical performance

Chemical & Oil resistance: Excellent.
Grease & mineral oils resistance: Excellent.



Water performance

Water resistance: AD8 Submersion.
Submersible pumps
Deep wells
Drinkable water



Other

Meter by meter marking.



Installation conditions

Open Air.



Applications

Industrial use.
Mobile use.
Robotics.
Windmills
Temporary site installations.



Packaging

Available in rolls of 100 m. and drums.

