

Rubber Cables - H07RN-F



Xtrem rubber cables are ideal for power transmission in both fixed and mobile services. Scankab Cables manufactures rubber electric cables with exceptional flexibility and resilience. These electrical cables have been manufactured by means of improved polymers of the current standards, which makes them very versatile cables with a temperature supply voltage higher than indicated in the international standards.

Characteristics:

- ✓ THEY DO NOT PROPAGATE FIRE
- ✓ EMISSION OF TOXIC GASES AND HALOGENS ARE LOW.
- ✓ THEY RADIATE OPAQUE SMOKE.
- ✓ THEY EMIT LESS TOXIC GASES.
- ✓ THEY DO NOT EMIT DIOXINS OUT IN THE ATMOSPHERE, BECAUSE THEY DO NOT HAVE HALOGENATED MATERIAL.



Xtrem H07RN-F

LOW VOLTAGE 0,6/1kV

Based on: HD 22.4 / UNE 21027-4

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

Scankab Cables' 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



Minimum service temperature for fixed installation: -40°C



Meter by meter marking



Water resistance AD8 submerged



Abrasion resistance: excellent



Maximum service temperature fixed installation: 90°C



Flame non-propagation



Chemical & Oil resistance: excellent



Anti-twist resistant: excellent



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



Impact resistance AG2 medium impact



Low temperature resistance: excellent (-40°C)



Submersible pumps

INSTALLATION CONDITIONS



Industrial use



Robotics



Industrial mobile use



Open air



Heavy mobile use



Submerged



Windmills



Deep wells