

POWER RENTAL / TEMPORARY POWER SUPPLY

✓ INCREASING DEMAND

Temporary events such as fairs, festivals, concerts, exhibitions require an additional power supply that the existing power network cannot provide. Strategic services such as hospitals, airports, public buildings, military installations, industry, business, etc, need a reliable power supply. The normal supply may suffer short-circuits or even power-cuts. In these cases it may be necessary to provide a back-up power supply using generators which in turn require the right cable in order to provide a reliable supply of power.

✓ QUALITY OF SERVICE

The right equipment requires the right connection. Scankab Cables offers the best solution to interconnect the Power Generators to the grid.



COURTESY OF MYPROMA (NETHERLANDS)



	STANDARD POWER CABLE	POWERFLEX RV-K 	XTREM H07RN-F
INSTALLATIONS	FIXED	FIXED	FIXED AND MOBILE
MAX.CONDUCTOR TEMPERATURE	70 °C	90 °C	90 °C
MIN. AMBIENT TEMPERATURE	-15 °C	-40 °C	-40 °C AND -25 °C (MOBILE SERVICE)
WATER RESISTANCE	AD3: ASPERSION	AD7: ASPERSION	AD8: SUBMERGED
OIL AND CHEMICAL RESISTANCE	POOR	GOOD	EXCELLENT
AMBRASION RESISTANCE	POOR	FAIR	EXCELLENT
COMPRESSION RESISTANCE	POOR	GOOD	EXCELLENT
APPLICATION	INDOOR	INDOOR, OUTDOOR AND BURIED	INDOOR, OUTDOOR AND BURIED
REUSABLE	NOT RECOMMENDED	FEW USES	MULTIPLE USES
CABLE PERFORMANCE	★☆☆☆☆	★★★★☆	★★★★★

**✓ EXTEND THE LIFE OF YOUR CABLES
MAKE YOUR BUSINESS MORE RELIABLE AND PROFITABLE**

POWERFLEX RV-K



DESIGN

Conductor

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

Insulation

XLPE.

The standard identification is the following:

- 1 x Natural
- 2 x Blue + Brown
- 3 G Blue + Brown + Yellow/green
- 3 x Brown + Black + Grey
- 3 x + 1 x Brown + Black + Grey + Blue (reduced cross-section)
- 4 G Brown + Black + Grey + Yellow/green
- 4 x Brown + Black + Grey + Blue
- 5 G Brown + Black + Grey + Yellow/green + Blue

Outer sheath

Flexible PVC outer sheath, black colour.

APPLICATIONS

This cable for power distribution is suitable for all types of low voltage industrial-type connections, in urban grids, building installations, etc. Its high flexibility makes the installation process substantially easier and, as a result, is particularly suitable for use in difficult layouts. It can be buried or installed in a tube as well as outdoors without requiring additional protection. The Powerflex RV-K cable can withstand damp conditions including total immersion in water.

Packaging

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

Based on: IEC 60502 - UNE 21123-2



CHARACTERISTICS

- Flexible conductor class 5
- Meter by meter marking
- Outdoor installation: permanent
- Min. service temp: -40°C (Fixed and protected installation)
- Min. bending radius: 5 x cable diameter
- Water resistant: AD7 immersion
- Max. service temperature 90°C
- Flame retardant
- Chemical & oil resistant: good
- Max. short-circuit temp: 250°C (max. 5 s)

INSTALLATION CONDITIONS

- Open air
- Damp environment
- Buried
- In conduit

XTREM H07RN-F



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.

Based on: HD 22.4 / UNE 21027-4



CHARACTERISTICS

- Flexible conductor, class 5/6
- Meter by meter marking
- Low temperature resistant: excellent (-25°C)
- Min. service temperature: -40°C
- Flame retardant
- Grease & mineral oils resistant: excellent
- Max. service temperature 90°C
- Outdoor installation: permanent
- Abrasion resistant: excellent
- Max. short-circuit temp.: 250°C (max. 5 s)
- Water resistant AD8 submerged
- Anti-twist resistant: excellent
- Min. bending radius 3&4 cable diameter
- Chemical & Oil resistant: excellent

INSTALLATION CONDITIONS

- Buried
- Open air
- Deep wells
- In conduit
- Submerged
- Heavy mobile use