

# POWERFLEX

# RV-K

The universal flexible cable for power transmission.

## 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.



## CHARACTERISTICS

- Flexible conductor class 5
- Minimum bending radius: 5 x cable diameter
- Outdoor installation: permanent
- Minimum service temperature: -40°C (Fixed and protected installation)
- Meter by meter marking
- Water resistance AD7 immersion
- Maximum service temperature 90°C
- Flame non-propagation
- Chemical & oil resistance: good
- Maximum short-circuit temperature: 250°C (max. 5 s)
- Impact resistance: AG2 medium impact

## INSTALLATION CONDITIONS

- Industrial use
- Damp environment
- Open air
- Buried
- In conduit