

# 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 severity



Reduced emission of halogens. Chlorine <15%

### INSTALLATION CONDITIONS



Industrial use



Damp environment



Open air



Buried



In conduit