

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	