

Based on :

IEC 60502 - UNE 21123-2

LOW VOLTAGE 0,6/1 kV

International norm :

IEC 60332-1, IEC 60502, VDE, AENOR, Bureau Veritas, CEBC, GOST, CE, RoHS

POWERFLEX

RV-K

Fire resistant offshore instrumentation 250 V individually screened



DESIGN

Conductor
Flexible electrolytic Cu, class 5

Insulation
XLPE

The standard identification is the following:

- 1 x Transparent
- 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

Filling sheath
Flexible unleaded PVC

Outer sheath
Extra flexible black acrylic, PVC-compound, UV resistant

APPLICATIONS

POWERFLEX® RV-K is a series of very unique flexible installation cables. The cables are built as flexible installation cables by one of the worlds leading cable producers. The cables are manufactured of PVC and are suited for all use in street lights, industry and building installations. They are very suitable for installations where a flexible connection is needed such as in a motor, generator and similar. The cables can be buried directly in the soil.

CHARACTERISTICS

- Maximum service temperature: 90°C
- Flae retardant acc. to IEC 60332-1
- Mechanical stress impact: AG3. High severity
- Max. short circuit temp. +250°C
- High flexibility
- Water resistance: AD4 splashes
- Bending radius (5 times cable diameter)
- Meter marked
- Chemical & oil resistance: excellent
- UV-resistant

INSTALLATION CONDITIONS

- Suitable for bricking
- On tray
- Can lay in tubes
- Open air
- Can be buried
- Withstands moisture
- For industrial use