



# Caledonian

Industrial Cables (Spanish Standard)

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## RV-K Powerflex Cable



## APPLICATIONS

These cables for energy distribution are 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. They can be buried or installed in a tube as well as outdoors. They are can also be used for street lighting, power supply of buildings, ship installations and generator installations. Lastly, these cables can withstand damp conditions including total immersion in water.

## STANDARDS

UNE 21123-2, IEC 60502; IEEE 383

UNE-EN 50265-2-1, UNE-EN 60502-1, IEC 60332-1

## VOLTAGE RATING

600/1000V

## CABLE CONSTRUCTION

- Flexible plain copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- XLPE (Cross-Linked Polyethylene) insulation to IEC60502
- Flexible black PVC (Polyvinyl Chloride) jacket

## COLOUR CODE

Insulation Colour Code

Color coded to VDE-0293-308

3 cores (G) - Green-Yellow + Brown + Blue

## PHYSICAL AND THERMAL PROPERTIES

- Temperature Rating: -15°C to +90°C
- Minimum Bending Radius: 5 x overall diameter
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

## DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>		mm	mm	mm	kg/km
3G6	10(84/28)	0.7	1.8	12.1	263