

# POWERHARD

# RV / U-1000 R2V

Flexible cable for power transmission

## DESIGN

### Conductor

Electrolytic copper, class 5 (flexible), based on IEC 60228

### Insulation

XLPE

The standard identification is the following:

- 1 x ..... Natural
- 2 x ..... Blue + Brown
- 3G ..... Blue + Brown + Yellow/Green
- 3x ..... Brown + Black + Grey
- 4G ..... Brown + Black + Grey + Yellow/Green
- 4x ..... Brown + Black + Grey + Blue
- 5G ..... Brown + Black + Grey + Yellow/Green + Blue

### Outer sheath

Flexible PVC outer sheath, black colour.

## APPLICATIONS

The cable Powerhard RV / U-1000 R2V for energy distribution is suitable for all types of low voltage industrial-type connections, in urban grids, building installations, etc. It can be buried or installed in a tube as well as outdoors without requiring additional protection. Lastly, the Powerhard RV / U-1000 R2V cable can withstand damp conditions including total immersion in water.



## 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