

# 0.6/1K RV-K

U1000 RV-K 3G4

Nexans Ref.: 56715315821



## STANDARDS

International IEC 60502

National XP C 32-321

## CHARACTERISTICS

### Construction characteristics

Conductor flexibility	Flexible class 5
Conductor material	Bare copper
Insulation	XLPE (chemical)
Outer sheath	PVC
Sheath colour	Black
Conductor shape	Circular
With smaller neutral conductor	No

### Dimensional characteristics

Conductor cross-section	4 mm <sup>2</sup>
Number of cores	3
Approximate weight	202 kg/km
Maximum outer diameter	11.8 mm
Neutral conductor section (when smaller)	- mm <sup>2</sup>

### Electrical characteristics

Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	0.6/1 kV
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Conductor flexibility  
**Flexible class 5**



Rated Voltage U<sub>o</sub>/U (U<sub>m</sub>)  
**0.6/1 kV**



Mechanical resistance to impacts  
**Good**



Cable flexibility  
**Flexible**



Max. conductor temp. in service  
**85 °C**



Operating temp.  
**-10 - 60 °C**



Flame retardant  
**C2, NF C 32-070**



Weather resistance  
**Very good**

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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## Electrical characteristics

Permissible current rating in open air	40 A
Permissible current rating when buried	51 A
Voltage drop, single phase	8.1 V/A.km

## Mechanical characteristics

Mechanical resistance to impacts	Good
Cable flexibility	Flexible

## Usage characteristics

Max. conductor temperature in service	85 °C
Short-circuit max. conductor temperature	250 °C
Length	1000 m
Operating temperature, range	-10 - 60 °C
Packaging	Drum
Flame retardant	C2, NF C 32-070
Weather resistance	Very good
Chemical resistance	Accidental
Bending factor when laying	6 (xD)



Conductor flexibility  
**Flexible class 5**



Rated Voltage U<sub>o</sub>/U  
(Um)  
**0.6/1 kV**



Mechanical  
resistance to  
impacts  
**Good**



Cable flexibility  
**Flexible**



Max. conductor  
temp. in service  
**85 °C**



Operating temp.  
**-10 - 60 °C**



Flame retardant  
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Weather resistance  
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