

0.6/1K RV-K

U1000 RV-K 3G2,5

Nexans Ref.: 56715313721



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	2.5 mm ²
Number of cores	3
Approximate weight	149 kg/km
Maximum outer diameter	10.7 mm
Neutral conductor section (when smaller)	- mm ²

Electrical characteristics

Rated Voltage U _o /U (U _m)	0.6/1 kV
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Conductor flexibility
Flexible class 5



Rated Voltage U_o/U (U_m)
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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0.6/1K RV-K

U1000 RV-K 3G2,5

Electrical characteristics

Permissible current rating in open air	30 A
Permissible current rating when buried	40 A
Voltage drop, single phase	13.0 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_o/U
(Um)
0.6/1 kV



Mechanical
resistance to
impacts
Good



Cable flexibility
Flexible



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temp. in service
85 °C



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