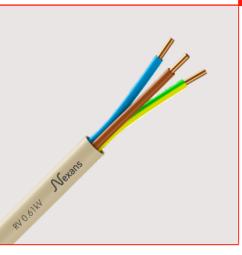


# RV 0.6/1kV CREAM



Rigid and semi-rigid cables for industrial installations. Familly product which integrates the new RV 0.6/1Kv cables for sections from 1.5 to 2.5mm<sup>2</sup>, from 3 to 5 conductors. Almost all RV cables are manufactured in France More information on www.nexans.fr

### **STANDARDS**

Product IEC 60502-1

### **APPLICATION**

These RV 0.6/1Kv cables with XLPE insulation and PVC outer sheath can be used in all low voltage power installations. Multiconductors cables are adapted to remote control and telecontrol installations.

METRIUM™ metric marking is available for all packaging in coil)

#### Installation

These cables can be fixed on cable trays, within conduits or fixed to walls, installed outside. They also can be buried directly with extra mechanical protection.

#### Marking

NEXANS Factory n° RV 0.6/1kV n (G) s mm2 IEC 60502 90° Eca

- n = number of cores
- s = section in mm<sup>2</sup>
- G = with Green-Yellow

### Permissible current and voltage drop are given

a) in free air, sheltered from sun, on cable tray or bracket, on cable ladder, and spaced from the wall, temperature = 30°C.

b) buried with thermal resistivity of the ground 1Km/W, laying depth: 600 mm, temperature = 20°C.

If conditions are differents, apply correction factors from NF C 15-100 standard or equivalent national standard

#### Voltage drop

Calculated with  $\cos \varphi = 0.8$ 





Rated Voltage Uo/U (Um) 0.6/ 1 (1.2) kV



Operating temp -15 ... 90 °C



Flame retardant C2, NF C 32-070



Chemical resistance Accidental



Water proof Intermittent



## **CHARACTERISTICS**

Construction characteristics	
Conductor material	Bare copper
Insulation	XLPE
Outer sheath	PVC
With Green/Yellow core	Yes
Conductor shape	Circular
Lead free	Yes
Electrical characteristics	
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Usage characteristics	
Operating temperature, range	-15 90 °C
Flame retardant	C2, NF C 32-070
Chemical resistance	Accidental
Water proof	Intermittent
Packaging	Coil



# **PRODUCT LIST**

Nex Ref.		Country Ref.	Name	Number of cores	Conductor cross- section [mm²]	
<b>\</b> 102	77030 -		RV 0.6/1 KV 3G1.5 CREAM R100 P4.2 Km	3	1.5	
<b>\</b> 102	77031 -		RV 0.6/1 KV 3G2.5 CREAM R100 P3.6 Km	3	2.5	
<b>\</b> 102	77150 -		RV 0.6/1 KV 5G1.5 CREAM R100 P3Km	5	1.5	
<b>\</b> 102	77151 -		RV 0.6/1 KV 5G2.5 CREAM R100 P2.4Km	5	2.5	
				📞 = Make to order, 虽 = In stock,		