

# H07V2-K (RK 90°C) 450/750 V

H07V2-K 6 (RK 90°C) 450/750V

**Nexans Ref.:** 11183641-022-02

**Country Ref.:** 0389143

**EAN 13:** 7330000120020

The cable is intended to be used for inside couplings in switch cabinet boxes and similar applications.

## DESCRIPTION

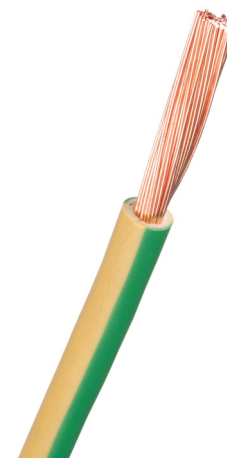
H07V2-K is a lead free, PVC insulated, connecting cable with one circular, multi stranded copper conductor. The cable is designed according to EN 50525-2-31. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS H07V2-K 0,75 SEMKO (HAR) E". H07V2-K meets the requirements for CPR class E.

### Certification

Certified by INTERTEK SEMKO.

### Quality system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



## DECLARATION OF PERFORMANCE

E<sub>ca</sub>

## STANDARDS

**International** EN 50525-2-31

**National** SS EN 50525-2-31



Halogen free  
No



Conductor flexibility  
Class 5



Rated Voltage U<sub>0</sub>/U (U<sub>m</sub>)  
450 / 750 V



Flame retardant  
IEC 60332-1



Operating temp.  
0 - 90 °C

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## CHARACTERISTICS

### Construction characteristics

Colour	Yellow / green
Conductor material	Bare copper
Insulation	PVC
Halogen free	No
Conductor flexibility	Class 5
Conductor shape	Circular

### Dimensional characteristics

Number of cores	1
Conductor cross-section	6 mm <sup>2</sup>
Number of core wires (nb x mm Ø)	72 x 0.31 mm Ø
Conductor diameter	3.2 mm
Average insulation thickness	0.8 mm
Nominal outer diameter	4.7 mm
Approximate weight	65 kg/km

### Electrical characteristics

Max. DC resistance of the conductor at 20°C	3.3 Ohm/km
Rated Voltage U <sub>0</sub> /U (Um)	450 / 750 V

### Usage characteristics

Length	100 m
Packaging	Reel
Flame retardant	IEC 60332-1
Operating temperature, range	0 - 90 °C
Bending factor when installed	4 (xD)

## SELLING AND DELIVERY INFORMATION

H07V2-K will be delivered in lengths of 100 to 500 m. The drum is marked with manufacturer, type of cable and length.