

# H07V2-K (RK 90°C) 450/750 V

H07V2-K 2,5 (RK 90°C) 450/750V

**Nexans Ref.:** 11183441-022-02

**Country Ref.:** 0384493

**EAN 13:** 7330000121454

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

## DESCRIPTION

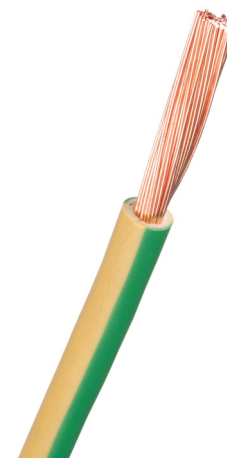
H07V2-K is a lead free, PVC insulated, connecting cable with one circular, multi stranded copper conductor. The cable is designed according to EN 50525-2-31. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS H07V2-K 0,75 SEMKO (HAR) E". H07V2-K meets the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

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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## 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	2.5 mm <sup>2</sup>
Number of core wires (nb x mm Ø)	54 x 0.23 mm Ø
Conductor diameter	2.05 mm
Average insulation thickness	0.8 mm
Nominal outer diameter	3.6 mm
Approximate weight	32 kg/km

### Electrical characteristics

Max. DC resistance of the conductor at 20°C	7.98 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.