

# H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,75 (RK 90°C) 300/500V

**Nexans Ref.:** 11183140-008-02

**Country Ref.:** 0384182

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

## DESCRIPTION

H05V2-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. with maximum 90°C conductor temperature. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS H05V2-K 0,75 SEMKO HAR MAX 90 C". H05V2-K meets the requirements for CPR class E.

## Certification

Certifeid 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



Rated Voltage U<sub>o</sub>/U (Um)  
300 / 500 V



Bending factor when laying  
4 (xD)



Flame retardant  
EN 60332-1-2



Operating temp.  
0 - 90 °C

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## CHARACTERISTICS

### Construction characteristics

Colour	Brown
Conductor material	Bare copper
Insulation	PVC
Halogen free	No

### Dimensional characteristics

Number of cores	1
Conductor cross-section	0.75 mm <sup>2</sup>
Number of core wires (nb x mm Ø)	24 x 0.19 mm Ø
Conductor diameter	1.1 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.25 mm
Approximate weight	12 kg/km

### Electrical characteristics

Max. DC resistance of the conductor at 20°C	26 Ohm/km
Rated Voltage U <sub>0</sub> /U (Um)	300 / 500 V

### Usage characteristics

Bending factor when laying	4 (xD)
Length	100 m
Packaging	-
Flame retardant	EN 60332-1-2
Operating temperature, range	0 - 90 °C

## SELLING AND DELIVERY INFORMATION

H05V2-K is delivered in specified lengths. The package is marked with manufacturer, type of cable, length and manufacturing date. On the label on boxes upon request also the customer item number and/or order number.