

H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,5 (RK 90°C) 300/500V

Nexans Ref.: 11183046-004-21

Country Ref.: 0388833

The cable is intended to 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. 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

Certified by INTERTEK SEMKO.

Quality system

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



DECLARATION OF PERFORMANCE

E_{ca}

STANDARDS

International EN 50525-2-31

National SS EN 50525-2-31



Halogen free
No



Rated Voltage U₀/U (Um)
300 / 500 V



Bending factor when laying
4 (xD)



Flame retardant
EN 60332-1-2



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.

Generated 12/28/22 www.nexans.se Page 1 / 2

 Nexans

H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,5 (RK 90°C) 300/500V

CHARACTERISTICS

Construction characteristics

Colour	Blue
Conductor material	Bare copper
Insulation	PVC
Halogen free	No

Dimensional characteristics

Number of cores	1
Conductor cross-section	0.5 mm ²
Number of core wires (nb x mm Ø)	16 x 0.19 mm Ø
Conductor diameter	0.9 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.15 mm
Approximate weight	9 kg/km

Electrical characteristics

Max. DC resistance of the conductor at 20°C	39 Ohm/km
Rated Voltage U _o /U (U _m)	300 / 500 V

Usage characteristics

Bending factor when laying	4 (xD)
Length	200 m
Packaging	Reel
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.