

H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,5 (RK 90°C) 300/500V

Nexans Ref.: 11183046-002-21

Country Ref.: 0388813

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.

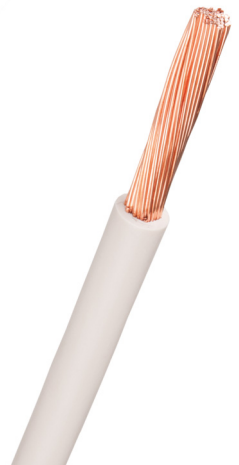
DECLARATION OF PERFORMANCE

E_{ca}

STANDARDS

International EN 50525-2-31

National SS EN 50525-2-31



Halogen free
No



Rated Voltage U_o/U (U_m)
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	White
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.