



Nexans Ref.: 11183641-001-02

Country Ref.: 7330000119987

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FIRE PERFORMANCE CLASS



E_{ca}

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

STANDARDS

Product EN 50525-2-31

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

Certifeid by INTERTEK SEMKO.

Quality system

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



Conductor flexibility
Class 5



Rated Voltage U_o/U (U_m)
450/750 V



Operating temp.
0 ... 90 °C



Flame retardant
IEC 60332-1



Halogen free
No

CHARACTERISTICS

Construction characteristics

Colour	Black
Conductor material	Bare copper
Insulation	PVC
Conductor flexibility	Class 5
Conductor shape	Circular

Dimensional characteristics

Number of cores	1
Conductor cross-section	6 mm ²
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 ₀ /U (U _m)	450/750 V

Usage characteristics

Length	100 m
Packaging	Reel
Operating temperature, range	0 ... 90 °C
Bending factor when installed	4 (xD)

Fire safety characteristics

Flame retardant	IEC 60332-1
Halogen free	No

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.