



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

Certified by INTERTEK SEMKO.

## Quality system

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



Halogen free  
No



Conductor flexibility  
Class 5



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



Operating temp.  
0 ... 90 °C

## CHARACTERISTICS

### Construction characteristics

Conductor material	Bare copper
Insulation	PVC
Halogen free	No
Conductor flexibility	Class 5
Conductor shape	Circular
















### Electrical characteristics



Rated Voltage U <sub>0</sub> /U (Um)	450/750 V
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




### Usage characteristics



Operating temperature, range	0 ... 90 °C
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



## PRODUCT LIST



Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm <sup>2</sup> ]	Approximate weight [kg/km]
 11183441-003-02	7330000121409	H07V2-K 2,5 (RK 90°C) 450/750V	Red	2.5	32
 11183412-122-35	7330000121249	H07V2-K 2,5 (RK 90°C) 450/750V	Dark blue	2.5	32
 11183612-022-31	7330000122130	H07V2-K 6 (RK 90°C) 450/750V	Yellow / green	6	65
 11183312-001-36	7330000120044	H07V2-K 1,5 (RK 90°C) 450/750V	Black	1.5	20
 11183312-022-36	7330000120129	H07V2-K 1,5 (RK 90°C) 450/750V	Yellow / green	1.5	20
 11183346-004-21	7330000120310	H07V2-K 1,5 (RK 90°C) 450/750V	Blue	1.5	20
 11183441-122-02	7330000121478	H07V2-K 2,5 (RK 90°C) 450/750V	Dark blue	2.5	32
 11183441-011-02	7330000121447	H07V2-K 2,5 (RK 90°C) 450/750V	Violet	2.5	32
 11183441-070-02	7330000121461	H07V2-K 2,5 (RK 90°C) 450/750V	Grey	2.5	32
 11183441-008-02	7330000121423	H07V2-K 2,5 (RK 90°C) 450/750V	Brown	2.5	32
 11183441-022-02	7330000121454	H07V2-K 2,5 (RK 90°C) 450/750V	Yellow / green	2.5	32
 11183312-002-36	7330000120051	H07V2-K 1,5 (RK 90°C) 450/750V	White	1.5	20
 11183346-001-21	7330000120280	H07V2-K 1,5 (RK 90°C) 450/750V	Black	1.5	20
 11183346-003-21	7330000120303	H07V2-K 1,5 (RK 90°C) 450/750V	Red	1.5	20
 11183346-008-21	7330000120327	H07V2-K 1,5 (RK 90°C) 450/750V	Brown	1.5	20























 = Make to order,  = In stock,



Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm <sup>2</sup> ]	Approximate weight [kg/km]
 11183346-010-21	7330000120334	H07V2-K 1,5 (RK 90°C) 450/750V	Orange	1.5	20
 11183346-011-21	7330000120341	H07V2-K 1,5 (RK 90°C) 450/750V	Violet	1.5	20
 11183346-022-21	7330000120358	H07V2-K 1,5 (RK 90°C) 450/750V	Yellow / green	1.5	20
 11183346-070-21	7330000120365	H07V2-K 1,5 (RK 90°C) 450/750V	Grey	1.5	20
 11183346-122-21	7330000120372	H07V2-K 1,5 (RK 90°C) 450/750V	Dark blue	1.5	20
 11183346-152-21	7330000120389	H07V2-K 1,5 (RK 90°C) 450/750V	Light blue	1.5	20
 11183346-002-21	7330000120297	H07V2-K 1,5 (RK 90°C) 450/750V	White	1.5	20
 11183441-002-02	7330000121393	H07V2-K 2,5 (RK 90°C) 450/750V	White	2.5	32
 11183441-001-02	7330000121386	H07V2-K 2,5 (RK 90°C) 450/750V	Black	2.5	32
 11183412-003-35	7330000121171	H07V2-K 2,5 (RK 90°C) 450/750V	Red	2.5	32
 11183412-001-35	7330000121157	H07V2-K 2,5 (RK 90°C) 450/750V	Black	2.5	32
 11183412-022-35	7330000121225	H07V2-K 2,5 (RK 90°C) 450/750V	Yellow / green	2.5	32
 11183441-004-02	7330000121416	H07V2-K 2,5 (RK 90°C) 450/750V	Blue	2.5	32
 11184031-004-01	7330000121652	H07V2-K 35 (RK 90°C) 450/750V	Blue	35	350
 11184031-001-01	7330000121645	H07V2-K 35 (RK 90°C) 450/750V	Black	35	350
 11183931-004-01	7330000121591	H07V2-K 25 (RK 90°C) 450/750V	Blue	25	260
 11183931-001-01	7330000121584	H07V2-K 25 (RK 90°C) 450/750V	Black	25	260
 11183841-008-02	7330000120976	H07V2-K 16 (RK 90°C) 450/750V	Brown	16	170
 11183841-022-02	7330000120990	H07V2-K 16 (RK 90°C) 450/750V	Yellow / green	16	170
 11183841-004-02	7330000120969	H07V2-K 16 (RK 90°C) 450/750V	Blue	16	170
 11183841-001-02	7330000120938	H07V2-K 16 (RK 90°C) 450/750V	Black	16	170
 11183741-004-02	7330000120778	H07V2-K 10 (RK 90°C) 450/750V	Blue	10	110
 11183741-001-02	7330000120747	H07V2-K 10 (RK 90°C) 450/750V	Black	10	110

















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Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm <sup>2</sup> ]	Approximate weight [kg/km]
 11183741-022-02	7330000120808	H07V2-K 10 (RK 90°C) 450/750V	Yellow / green	10	110
 11183612-152-31	7330000122178	H07V2-K 6 (RK 90°C) 450/750V	Light blue	6	65
 11183641-004-02	7330000120013	H07V2-K 6 (RK 90°C) 450/750V	Blue	6	65
 11183641-003-02	7330000120006	H07V2-K 6 (RK 90°C) 450/750V	Red	6	65
 11183641-002-02	7330000119994	H07V2-K 6 (RK 90°C) 450/750V	White	6	65
 11183641-001-02	7330000119987	H07V2-K 6 (RK 90°C) 450/750V	Black	6	65
 11183612-003-31	7330000122093	H07V2-K 6 (RK 90°C) 450/750V	Red	6	65
 11183612-001-31	7330000122079	H07V2-K 6 (RK 90°C) 450/750V	Black	6	65
 11183641-008-02	7330000126725	H07V2-K 6 (RK 90°C) 450/750V	Brown	6	65
 11183641-152-02	7330000120037	H07V2-K 6 (RK 90°C) 450/750V	Light blue	6	65
 11183641-022-02	7330000120020	H07V2-K 6 (RK 90°C) 450/750V	Yellow / green	6	65
 11183541-152-02	7330000122024	H07V2-K 4 (RK 90°C) 450/750V	Light blue	4	45
 11183312-122-36	7330000120143	H07V2-K 1,5 (RK 90°C) 450/750V	Dark blue	1.5	20
 11183312-152-36	7330000120167	H07V2-K 1,5 (RK 90°C) 450/750V	Light blue	1.5	20
 11183412-152-35	7330000121263	H07V2-K 2,5 (RK 90°C) 450/750V	Light blue	2.5	32
 11183931-022-01	7330000121607	H07V2-K 25 (RK 90°C) 450/750V	Yellow / green	25	260
 11184098-001-05	7330000121690	H07V2-K 35 (RK 90°C) 450/750V	Black	35	350
 11184098-022-05	7330000121713	H07V2-K 35 (RK 90°C) 450/750V	Yellow / green	35	350
 11183340-002-02	7330000120181	H07V2-K 1,5 (RK 90°C) 450/750V	White	1.5	20
 11183841-070-02	7330000121003	H07V2-K 16 (RK 90°C) 450/750V	Grey	16	170
 11183840-001-02	7330000120846	H07V2-K 16 (RK 90°C) 450/750V	Black	16	170
 11183840-002-02	7330000120853	H07V2-K 16 (RK 90°C) 450/750V	White	16	170
 11183840-004-02	7330000120877	H07V2-K 16 (RK 90°C) 450/750V	Blue	16	170

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Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm <sup>2</sup> ]	Approximate weight [kg/km]
 11183840-022-02	7330000120891	H07V2-K 16 (RK 90°C) 450/750V	Yellow / green	16	170
 11183898-001-05	7330000121041	H07V2-K 16 (RK 90°C) 450/750V	Black	16	170
 11183898-022-05	7330000121102	H07V2-K 16 (RK 90°C) 450/750V	Yellow / green	16	170
 11183340-001-02	7330000120174	H07V2-K 1,5 (RK 90°C) 450/750V	Black	1.5	20
 11183340-003-02	7330000120198	H07V2-K 1,5 (RK 90°C) 450/750V	Red	1.5	20
 11183340-004-02	7330000120204	H07V2-K 1,5 (RK 90°C) 450/750V	Blue	1.5	20
 11183340-008-02	7330000120211	H07V2-K 1,5 (RK 90°C) 450/750V	Brown	1.5	20
 11183340-010-02	7330000120228	H07V2-K 1,5 (RK 90°C) 450/750V	Orange	1.5	20
 11183340-022-02	7330000120242	H07V2-K 1,5 (RK 90°C) 450/750V	Yellow / green	1.5	20
 11183340-070-02	7330000120259	H07V2-K 1,5 (RK 90°C) 450/750V	Grey	1.5	20
 11183340-122-02	7330000120150	H07V2-K 1,5 (RK 90°C) 450/750V	Dark blue	1.5	20
 11183340-152-02	7330000120273	H07V2-K 1,5 (RK 90°C) 450/750V	Light blue	1.5	20
 11183441-010-02	7330000121430	H07V2-K 2,5 (RK 90°C) 450/750V	Orange	2.5	32
 11183441-152-02	7330000121485	H07V2-K 2,5 (RK 90°C) 450/750V	Light blue	2.5	32
 11183440-001-02	7330000121270	H07V2-K 2,5 (RK 90°C) 450/750V	Black	2.5	32
 11183440-002-02	7330000121287	H07V2-K 2,5 (RK 90°C) 450/750V	White	2.5	32
 11183440-003-02	7330000121294	H07V2-K 2,5 (RK 90°C) 450/750V	Red	2.5	32
 11183440-004-02	7330000121300	H07V2-K 2,5 (RK 90°C) 450/750V	Blue	2.5	32
 11183440-008-02	7330000121317	H07V2-K 2,5 (RK 90°C) 450/750V	Brown	2.5	32
 11183440-010-02	7330000121324	H07V2-K 2,5 (RK 90°C) 450/750V	Orange	2.5	32
 11183440-022-02	7330000121348	H07V2-K 2,5 (RK 90°C) 450/750V	Yellow / green	2.5	32
 11183440-152-02	7330000121379	H07V2-K 2,5 (RK 90°C) 450/750V	Light blue	2.5	32
 11183540-001-02	7330000121843	H07V2-K 4 (RK 90°C) 450/750V	Black	4	45

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Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm <sup>2</sup> ]	Approximate weight [kg/km]
 11183540-002-02	7330000121850	H07V2-K 4 (RK 90°C) 450/750V	White	4	45
 11183540-004-02	7330000121874	H07V2-K 4 (RK 90°C) 450/750V	Blue	4	45
 11183540-008-02	7330000121881	H07V2-K 4 (RK 90°C) 450/750V	Brown	4	45
 11183540-022-02	7330000121898	H07V2-K 4 (RK 90°C) 450/750V	Yellow / green	4	45
 11183641-122-02	7330000127395	H07V2-K 6 (RK 90°C) 450/750V	Dark blue	6	65
 11183640-001-02	7330000122185	H07V2-K 6 (RK 90°C) 450/750V	Black	6	65
 11183640-002-02	7330000122192	H07V2-K 6 (RK 90°C) 450/750V	White	6	65
 11183640-004-02	7330000122215	H07V2-K 6 (RK 90°C) 450/750V	Blue	6	65
 11183640-008-02	7330000122222	H07V2-K 6 (RK 90°C) 450/750V	Brown	6	65
 11183640-022-02	7330000122239	H07V2-K 6 (RK 90°C) 450/750V	Yellow / green	6	65
 11183640-070-02	7330000122246	H07V2-K 6 (RK 90°C) 450/750V	Grey	6	65
 11183740-002-02	7330000120662	H07V2-K 10 (RK 90°C) 450/750V	White	10	110
 11183740-004-02	7330000120686	H07V2-K 10 (RK 90°C) 450/750V	Blue	10	110
 11183740-008-02	7330000120693	H07V2-K 10 (RK 90°C) 450/750V	Brown	10	110
 11183740-022-02	7330000120709	H07V2-K 10 (RK 90°C) 450/750V	Yellow / green	10	110
 11183740-070-02	7330000120716	H07V2-K 10 (RK 90°C) 450/750V	Grey	10	110

 = Make to order,  = In stock,

## SELLING AND DELIVERY INFORMATION

H07V2-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.