



## H07V-K in big one-way cardboard box

Harmonised, flexible single conductor for protected, fixed installation

**Info**

- CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)
- Efficient
- <HAR>



**Technical data**

**Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000993  
ETIM 5.0/6.0 Class-Description: Single core cable

**Conductor stranding**  
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

**Minimum bending radius**  
According to EN 50565-1  
4 x outer diameter (OD) for normal use;  
2 x OD for cautions bending

**Nominal voltage**  
U0/U: 450/750 V

**Test voltage**  
2500 V AC

**Current rating**  
VDE 0298 Part 4  
EN 50565-1/ VDE 0298-565-1

**Temperature range**  
Fixed installation: -40°C to +80°C  
Moved: +5°C to +70°C

- Benefits**
- Higher cost-effectiveness due to optimum processing volumes
  - Single cores are embossed so that an additional, subsequent marking by ink jet printing is readable
  - The comparatively low weight of the cardboard boxes makes handling easy
  - Time-saving assembly
- Application range**
- Ideal for assembling to achieve longer operating times and trouble-free printing
  - Suitable for assembling cable harnesses and wiring during switch cabinet installation

- Product features**
- Flame-retardant according IEC 60332-1-2
- Norm references / Approvals**
- <HAR> cable type certification acc. EN 50525-2-31
  - No cable type certified core insulation colours according to EN 50525-1/ VDE 0285-525-1: transparent, green (single colour), yellow (single colour), all double colours (except of green-yellow and yellow-green)
- Product Make-up**
- Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
  - Core insulation: Based on PVC

Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	brown	black	grey	blue	green/yellow
1.5	2.8 - 3.4	1500	14.4	22	4520031K	4520011K	4520061K	4520021K	4520001K
1.5	2.8 - 3.4	4000	14.4	22		4520011E		4520021E	4520001E
2.5	3.4 - 4.1	900	24	37	4520032K	4520012K	4520062K	4520022K	4520002K
2.5	3.4 - 4.1	2500	24	37		4520012E		4520022E	4520002E
4	3.9 - 4.8	600	38.4	45	4520033K	4520013K	4520063K	4520023K	4520003K
4	3.9 - 4.8	2000	38.4	45		4520013E			
6	4.4 - 5.3	400	57.6	71		4520014K		4520024K	4520004K
6	4.4 - 5.3	1500	57.6	71		4520014E		4520024E	4520004E

Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	orange	dark blue	white	green	yellow
1.5	2.8 - 3.4	1500	14.4	22	4520091K	4520141K	4520051K		4520111K
1.5	2.8 - 3.4	4000	14.4	22		4520141E			
2.5	3.4 - 4.1	900	24	37	4520092K	4520142K	4520052K	4520122K	
4	3.9 - 4.8	600	38.4	45	4520093K	4520143K			
6	4.4 - 5.3	400	57.6	71	4520094K				

Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	violet	red	blue/white	Dark blue/white
1.5	2.8 - 3.4	1500	14.4	22	4520071K	4520041K		
1.5	2.8 - 3.4	4000	14.4	22		4520041E		
2.5	3.4 - 4.1	900	24	37		4520042K		4520922K
4	3.9 - 4.8	600	38.4	45		4520043K	4520263K	4520923K
6	4.4 - 5.3	400	57.6	71		4520044K	4520264K	4520924K
6	4.4 - 5.3	1500	57.6	71		4520044E		

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Photographs and graphics are not to scale and do not represent detailed images of the respective products.

- Similar products**
- H05V-K <HAR> refer to page 210
  - H07V-K <HAR> refer to page 213

- Accessories**
- Diagonal cutter refer to page 979
  - DIN-assorted boxes conductor end sleeves refer to page 995
  - EASY STRIP stripping and cutting tool refer to page 988
  - PEW 8.87 crimping pliers refer to page 1000