



H05V-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
- 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: 300/500 V

Test voltage
 2000 V

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
- 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 ²)	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	brown	black	grey	blue	green/yellow
0.5	2.1 - 2.5	3000	4.8	9	4511065K	4510011K	4511073K	4510021K	4510001K
0.5	2.1 - 2.5	9000	4.8	9				4510021E	
0.75	2.2 - 2.7	2500	7.2	12	4510032K	4510012K	4510062K	4510022K	4510002K
0.75	2.2 - 2.7	7500	7.2	12				4510022E	
1	2.4 - 2.8	2000	9.6	15	4510033K	4510013K	4510063K	4510023K	4510003K
1	2.4 - 2.8	6000	9.6	15				4510023E	

Conductor cross-section (mm ²)	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	orange	dark blue	white	green	yellow
0.5	2.1 - 2.5	3000	4.8	9		4511064K	4511072K		
0.5	2.1 - 2.5	9000	4.8	9		4511060E			
0.75	2.2 - 2.7	2500	7.2	12	4510092K	4510142K	4510052K	4510122K	4510112K
0.75	2.2 - 2.7	7500	7.2	12		4511061E			
1	2.4 - 2.8	2000	9.6	15	4510093K	4510143K	4510053K		4510113K
1	2.4 - 2.8	6000	9.6	15		4511062E			

Conductor cross-section (mm ²)	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	violet	red	ultra-marine blue	blue/white	Dark blue/white
0.5	2.1 - 2.5	3000	4.8	9	4511068K	4511071K	4510161K		4510921K
0.75	2.2 - 2.7	2500	7.2	12	4510072K	4510042K	4510162K	4510262K	4510922K
1	2.4 - 2.8	2000	9.6	15	4510073K	4510043K	4510163K	4510263K	4510923K

Conductor cross-section (mm ²)	Outer diameter [mm]	m/box	Copper index (kg/km)	Weight (kg/km)	pink
0.75	2.2 - 2.7	2500	7.2	12	4510082K

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

- 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