

H05V-K in big one-way cardboard box

Harmonised, flexible single conductor for protected, fixed installation

H05V-K, HAR, power and control cable, PVC, 300/500V, wiring, assembling, flame-retardant, class 5/fine wire, fixed installation, big cardboard box

Info

CPR: Article number choice under www.lappkabel.com/cpr

Efficient

<HAR>



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

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

Technical Data

Last Update (18.12.2022)

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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| | |
|-------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000993 ETIM 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 cautious 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 +70 °C |

Note

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.

* Trade product, no Lapp product

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number | Core colour | Conductor cross-section (mm ²) | Outer diameter [mm] | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|-------------------|--|---------------------|-------|----------------------|----------------|
| 4510001K | green/yellow | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511065K | brown | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4510011K | black | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511073K | grey | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4510021K | blue | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4510021E | blue | 0.5 | 2.1 - 2.5 | 9000 | 4.8 | 9 |
| 4511064K | dark blue | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511060E | dark blue | 0.5 | 2.1 - 2.5 | 9000 | 4.8 | 9 |
| 4510161K | ultra-marine blue | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511070K | orange | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511068K | violet | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511072K | white | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4511071K | red | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4510921K | Dark blue/white | 0.5 | 2.1 - 2.5 | 3000 | 4.8 | 9 |
| 4510002K | green/yellow | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510122K | green | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510032K | brown | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510012K | black | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510062K | grey | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510022K | blue | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510022E | blue | 0.75 | 2.2 - 2.7 | 7500 | 7.2 | 12 |
| 4510142K | dark blue | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4511061E | dark blue | 0.75 | 2.2 - 2.7 | 7500 | 7.2 | 12 |
| 4510162K | ultra-marine blue | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510092K | orange | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510072K | violet | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510112K | yellow | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510052K | white | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510042K | red | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510042E | red | 0.75 | 2.2 - 2.7 | 7500 | 7.2 | 12 |
| 4510082K | pink | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510262K | blue/white | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510922K | Dark blue/white | 0.75 | 2.2 - 2.7 | 2500 | 7.2 | 12 |
| 4510003K | green/yellow | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |

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| Article number | Core colour | Conductor cross-section (mm ²) | Outer diameter [mm] | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|-------------------|--|---------------------|-------|----------------------|----------------|
| 4510033K | brown | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510013K | black | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510013E | black | 1 | 2.4 - 2.8 | 6000 | 9.6 | 15 |
| 4510063K | grey | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510023K | blue | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510023E | blue | 1 | 2.4 - 2.8 | 6000 | 9.6 | 15 |
| 4510143K | dark blue | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4511062E | dark blue | 1 | 2.4 - 2.8 | 6000 | 9.6 | 15 |
| 4510163K | ultra-marine blue | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510093K | orange | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510073K | violet | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510113K | yellow | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510053K | white | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510043K | red | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510083K | pink | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510263K | blue/white | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |
| 4510923K | Dark blue/white | 1 | 2.4 - 2.8 | 2000 | 9.6 | 15 |

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