


U.I. Lapp GmbH	PRODUCT INFORMATION	
	H07V-K in big one-way cardboard box	19.11.2014

Harmonised, flexible single conductor for protected, fixed installation
 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



Info

Efficient
 <HAR>

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 Make-up

Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228

Norm references / Approvals

<HAR> cable type certification acc. EN 50525-2-31

Product features

Flame-retardant according IEC 60332-1-2

Remark

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

The outer diameters stated in the part number table are maximum values.

Technical Data

Conductor stranding:	Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
Minimum bending radius:	At a cable temperature of 20°C ±10°C, according to HD 516 4 x outer diameter (OD) for normal use 2 x OD for cautions bending
Nominal voltage:	U ₀ /U: 450/750 V
Test voltage:	2500 V AC
Current rating:	VDE 0298 Part 4 HD 516/VDE 0298-300
Temperature range:	Fixed installation: -30°C to +80°C Moved: +5°C to +70°C

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Part number	Conductor cross-section (mm ²)	Outer diameter (mm)	Core colour	m/box	Copper index (kg/km)	Weight (kg/km)
4520001K	1,5	3.4	green/yellow	1500	14.4	22
4520001E	1,5	3.4	green/yellow	4000	14.4	22
4520031K	1,5	3.4	brown	1500	14.4	22
4520011K	1,5	3.4	black	1500	14.4	22
4520011E	1,5	3.4	black	4000	14.4	22
4520061K	1,5	3.4	grey	1500	14.4	22
4520021K	1,5	3.4	blue	1500	14.4	22
4520021E	1,5	3.4	blue	4000	14.4	22
4520141K	1,5	3.4	Dark blue	1500	14.4	22
4520141E	1,5	3.4	Dark blue	4000	14.4	22
4520091K	1,5	3.4	orange	1500	14.4	22
4520091E	1,5	3.4	orange	4000	14.4	22
4520071K	1,5	3.4	violet	1500	14.4	22
4520111K	1,5	3.4	yellow	1500	14.4	22
4520051K	1,5	3.4	white	1500	14.4	22
4520041K	1,5	3.4	red	1500	14.4	22
4520041E	1,5	3.4	red	4000	14.4	22
4520002K	2,5	4.1	green/yellow	900	24.0	37
4520002E	2,5	4.1	green/yellow	2500	24.0	37
4520122K	2,5	4.1	green	900	24.0	37
4520032K	2,5	4.1	brown	900	24.0	37
4520012K	2,5	4.1	black	900	24.0	37
4520012E	2,5	4.1	black	2500	24.0	37
4520062K	2,5	4.1	grey	900	24.0	37
4520022K	2,5	4.1	blue	900	24.0	37
4520022E	2,5	4.1	blue	2500	24.0	37
4520142K	2,5	4.1	Dark blue	900	24.0	37
4520092K	2,5	4.1	orange	900	24.0	37
4520052K	2,5	4.1	white	900	24.0	37
4520042K	2,5	4.1	red	900	24.0	37
4520922K	2,5	4.1	Dark blue/white	900	24.0	37
4520003K	4	4.8	green/yellow	600	38.4	45
4520033K	4	4.8	brown	600	38.4	45
4520013K	4	4.8	black	600	38.4	45

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4520013E	4	4.8	black	2000	38.4	45
4520063K	4	4.8	grey	600	38.4	45
4520023K	4	4.8	blue	600	38.4	45
4520143K	4	4.8	Dark blue	600	38.4	45
4520093K	4	4.8	orange	600	38.4	45
4520043K	4	4.8	red	600	38.4	45
4520263K	4	4.8	blue/white	600	38.4	45
4520923K	4	4.8	Dark blue/white	600	38.4	45
4520004K	6	5.3	green/yellow	400	57.6	71
4520004E	6	5.3	green/yellow	1500	57.6	71
4520014K	6	5.3	black	400	57.6	71
4520014E	6	5.3	black	1500	57.6	71
4520024K	6	5.3	blue	400	57.6	71
4520024E	6	5.3	blue	1500	57.6	71
4520094K	6	5.3	orange	400	57.6	71
4520044K	6	5.3	red	400	57.6	71
4520044E	6	5.3	red	1500	57.6	71
4520264K	6	5.3	blue/white	400	57.6	71
4520924K	6	5.3	Dark blue/white	400	57.6	71

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