

H05V2-K

Harmonised, flexible single conductor for protected, fixed installation

Ideally suited to meet the stricter thermal requirements of the new IEC-EN-(NBN NEN) 61439 standard

Info

Temperature range to 90°C



Benefits

Cables' <HAR> marking also stands for the international endorsement of national certification institutes' testing marks and certificates, e. g. <VDE><HAR>. The <HAR> marking is of special importance in case of goods traffic between European countries. Ideally suited to meet the stricter thermal requirements of the new IEC-EN-(NBN NEN) 61439 standard

Application range

Internal wiring of devices

Laying in tubes, exposed or buried in plaster, and in closed installation ducts

Protected installations in pipes and wiring shafts, as well as in installation and assembly

Factory wiring

Product features

Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

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: Fully coloured based on PVC, 90°C, TI3 quality

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Last Update (24.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	4x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	2000 V
Temperature range:	-10°C to +90°C operating temperature Minimum installation temperature: 5°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

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 (mm²)	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4515001	green/yellow	0.5	2.5	100	4.8	9
4515002	green/yellow	0.75	2.7	100	7.2	11
4515003	green/yellow	1	2.8	100	9.6	14
4515011	black	0.5	2.5	100	4.8	9
4515012	black	0.75	2.7	100	7.2	11
4515013	black	1	2.8	100	9.6	14
4515021	blue	0.5	2.5	100	4.8	9
4515022	blue	0.75	2.7	100	7.2	11
4515023	blue	1	2.8	100	9.6	14
4515141	dark blue	0.5	2.5	100	4.8	9
4515142	dark blue	0.75	2.7	100	7.2	11
4515143	dark blue	1	2.8	100	9.6	14
4515031	brown	0.5	2.5	100	4.8	9
4515032	brown	0.75	2.7	100	7.2	11
4515033	brown	1	2.8	100	9.6	14
4515111	yellow	0.5	2.5	100	4.8	9
4515112	yellow	0.75	2.7	100	7.2	11
4515113	yellow	1	2.8	100	9.6	14
4515121	green	0.5	2.5	100	4.8	9
4515122	green	0.75	2.7	100	7.2	11
4515123	green	1	2.8	100	9.6	14
4515071	violet	0.5	2.5	100	4.8	9
4515072	violet	0.75	2.7	100	7.2	11
4515073	violet	1	2.8	100	9.6	14
4515081	pink	0.5	2.5	100	4.8	9
4515082	pink	0.75	2.7	100	7.2	11
4515083	pink	1	2.8	100	9.6	14
4515091	orange	0.5	2.5	100	4.8	9
4515092	orange	0.75	2.7	100	7.2	11
4515093	orange	1	2.8	100	9.6	14
4515041	red	0.5	2.5	100	4.8	9
4515042	red	0.75	2.7	100	7.2	11
4515043	red	1	2.8	100	9.6	14
4515051	white	0.5	2.5	100	4.8	9

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Article number	Core colour	Conductor cross-section (mm ²)	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4515052	white	0.75	2.7	100	7.2	11
4515053	white	1	2.8	100	9.6	14
4515061	grey	0.5	2.5	100	4.8	9
4515062	grey	0.75	2.7	100	7.2	11
4515063	grey	1	2.8	100	9.6	14
4515923	Dark blue/white	1	2.8	100	9.6	14