

LAPP KABEL H07V-K



Info

- VDE approved

Application range

- Laying in tubes, exposed or buried in plaster, and in closed installation ducts
- For direct laying on racks, troughs and tubes only as potential equalisation conductor

Product features

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

Approvals (Norm references)



- VDE approved

Product Make-up

- Fine strands of bare copper wires
- PVC core insulation

Technical data



Based on
EN 50525 (formerly VDE 0281 / HD 21)



Specific insulation resistance
> 20 GOhm x cm



Conductor stranding
Fine wire acc. to IEC 60228 / VDE 0295 Cl.5



Minimum bending radius
6 x cable diameter



Nominal voltage
U₀/U: 450/750 V



Test voltage
2500 V



Temperature range
-30°C to +70°C

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Core colour	Copper index (kg/km)	Weight (kg/km)
8120001	1.5	2.9	green-yellow	14.4	20
8120011	1.5	2.9	black	14.4	20
8120021	1.5	2.9	blue	14.4	20
8120031	1.5	2.9	brown	14.4	20
8120041	1.5	2.9	red	14.4	20
8120051	1.5	2.9	white	14.4	20
8120061	1.5	2.9	grey	14.4	20
8120091	1.5	2.9	orange	14.4	20
8120111	1.5	2.9	yellow	14.4	20
8120121	1.5	2.9	green	14.4	20
8120002	2.5	3.6	green-yellow	24.0	31
8120012	2.5	3.6	black	24.0	31
8120022	2.5	3.6	blue	24.0	31
8120032	2.5	3.6	brown	24.0	31
8120042	2.5	3.6	red	24.0	31
8120052	2.5	3.6	white	24.0	31
8120062	2.5	3.6	grey	24.0	31
8120092	2.5	3.6	orange	24.0	31
8120112	2.5	3.6	yellow	24.0	31
8120122	2.5	3.6	green	24.0	31
8120003	4	4.1	green-yellow	38.4	46
8120013	4	4.1	black	38.4	46
8120023	4	4.1	blue	38.4	46
8120033	4	4.1	brown	38.4	46
8120043	4	4.1	red	38.4	46
8120053	4	4.1	white	38.4	46
8120063	4	4.1	grey	38.4	46
8120093	4	4.1	orange	38.4	46
8120113	4	4.1	yellow	38.4	46
8120123	4	4.1	green	38.4	46
8120004	6	4.7	green-yellow	57.6	65.2
8120014	6	4.7	black	57.6	65.2
8120024	6	4.7	blue	57.6	65.2
8120034	6	4.7	brown	57.6	65.2
8120044	6	4.7	red	57.6	65.2
8120054	6	4.7	white	57.6	65.2
8120064	6	4.7	grey	57.6	65.2
8120094	6	4.7	orange	57.6	65.2
8120114	6	4.7	yellow	57.6	65.2
8120124	6	4.7	green	57.6	65.2
8120005	10	6.0	green-yellow	96.0	113.2
8120015	10	6.0	black	96.0	113.2
8120025	10	6.0	blue	96.0	113.2
8120035	10	6.0	brown	96.0	113.2
8120045	10	6.0	red	96.0	113.2
8120055	10	6.0	white	96.0	113.2
8120065	10	6.0	grey	96.0	113.2
8120095	10	6.0	orange	96.0	113.2
8120115	10	6.0	yellow	96.0	113.2
8120125	10	6.0	green	96.0	113.2
8120006	16	7.1	green-yellow	153.6	173.4
8120016	16	7.1	black	153.6	173.4
8120026	16	7.1	blue	153.6	173.4
8120036	16	7.1	brown	153.6	173.4
8120046	16	7.1	red	153.6	173.4
8120056	16	7.1	white	153.6	173.4
8120066	16	7.1	grey	153.6	173.4
8120096	16	7.1	orange	153.6	173.4
8120116	16	7.1	yellow	153.6	173.4
8120126	16	7.1	green	153.6	173.4

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Core colour	Copper index (kg/km)	Weight (kg/km)
8121001	25	8.8	green-yellow	240.0	269.4
8121011	25	8.8	black	240.0	269.4
8121021	25	8.8	blue	240.0	269.4
8121031	25	8.8	brown	240.0	269.4
8121041	25	8.8	red	240.0	269.4
8121051	25	8.8	white	240.0	269.4
8121061	25	8.8	grey	240.0	269.4
8121091	25	8.8	orange	240.0	269.4
8121111	25	8.8	yellow	240.0	269.4
8121121	25	8.8	green	240.0	269.4
8121002	35	9.9	green-yellow	336.0	366.4
8121012	35	9.9	black	336.0	366.4
8121022	35	9.9	blue	336.0	366.4
8121032	35	9.9	brown	336.0	366.4
8121042	35	9.9	red	336.0	366.4
8121052	35	9.9	white	336.0	366.4
8121062	35	9.9	grey	336.0	366.4
8121092	35	9.9	orange	336.0	366.4
8121112	35	9.9	yellow	336.0	366.4
8121122	35	9.9	green	336.0	366.4
8121003	50	11.8	green-yellow	480.0	517.8
8121013	50	11.8	black	480.0	517.8
8121023	50	11.8	blue	480.0	517.8
8121033	50	11.8	brown	480.0	517.8
8121043	50	11.8	red	480.0	517.8
8121053	50	11.8	white	480.0	517.8
8121063	50	11.8	grey	480.0	517.8
8121093	50	11.8	orange	480.0	517.8
8121113	50	11.8	yellow	480.0	517.8
8121123	50	11.8	green	480.0	517.8
8121004	70	13.8	green-yellow	672.0	718
8121014	70	13.8	black	672.0	718
8121024	70	13.8	blue	672.0	718
8121034	70	13.8	brown	672.0	718
8121044	70	13.8	red	672.0	718
8121054	70	13.8	white	672.0	718
8121064	70	13.8	grey	672.0	718
8121094	70	13.8	orange	672.0	718
8121114	70	13.8	yellow	672.0	718
8121124	70	13.8	green	672.0	718
8121005	95	16.0	green-yellow	912.0	975.4
8121015	95	16.0	black	912.0	975.4
8121025	95	16.0	blue	912.0	975.4
8121035	95	16.0	brown	912.0	975.4
8121045	95	16.0	red	912.0	975.4
8121055	95	16.0	white	912.0	975.4
8121065	95	16.0	grey	912.0	975.4
8121095	95	16.0	orange	912.0	975.4
8121115	95	16.0	yellow	912.0	975.4
8121125	95	16.0	green	912.0	975.4
8121006	120	17.6	green-yellow	1,152.0	1218
8121016	120	17.6	black	1,152.0	1218
8121026	120	17.6	blue	1,152.0	1218
8121036	120	17.6	brown	1,152.0	1218
8121046	120	17.6	red	1,152.0	1218
8121056	120	17.6	white	1,152.0	1218
8121066	120	17.6	grey	1,152.0	1218
8121096	120	17.6	orange	1,152.0	1218
8121116	120	17.6	yellow	1,152.0	1218
8121126	120	17.6	green	1,152.0	1218
8121007	150	19.6	green-yellow	1,440.0	1502.1
8121017	150	19.6	black	1,440.0	1502.1
8121027	150	19.6	blue	1,440.0	1502.1
8121037	150	19.6	brown	1,440.0	1502.1
8121047	150	19.6	red	1,440.0	1502.1
8121057	150	19.6	white	1,440.0	1502.1
8121067	150	19.6	grey	1,440.0	1502.1
8121097	150	19.6	orange	1,440.0	1502.1
8121117	150	19.6	yellow	1,440.0	1502.1
8121127	150	19.6	green	1,440.0	1502.1
8121008	185	21.9	green-yellow	1,776.0	1875
8121018	185	21.9	black	1,776.0	1875
8121028	185	21.9	blue	1,776.0	1875
8121038	185	21.9	brown	1,776.0	1875
8121048	185	21.9	red	1,776.0	1875
8121058	185	21.9	white	1,776.0	1875
8121068	185	21.9	grey	1,776.0	1875
8121098	185	21.9	orange	1,776.0	1875
8121118	185	21.9	yellow	1,776.0	1875
8121128	185	21.9	green	1,776.0	1875
8121009	240	24.8	green-yellow	2,304.0	2402.5
8121019	240	24.8	black	2,304.0	2402.5
8121029	240	24.8	blue	2,304.0	2402.5
8121039	240	24.8	brown	2,304.0	2402.5
8121049	240	24.8	red	2,304.0	2402.5
8121059	240	24.8	white	2,304.0	2402.5
8121069	240	24.8	grey	2,304.0	2402.5
8121099	240	24.8	orange	2,304.0	2402.5
8121119	240	24.8	yellow	2,304.0	2402.5
8121129	240	24.8	green	2,304.0	2402.5

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.