

H07V-K <VDE>

<VDE> cable type certification

H07V-K, VDE, power and control cable, PVC, 450/750V, wiring of devices and control cabinets, flame-retardant, class 5/ fine wire, fixed installation, ring

Info

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

<VDE>



Benefits

Cables' <VDE> marking is a testing mark/ proof of the successful testing according to VDE/ EN/ HD/ IEC standards as well as possible health and safety regulations. <VDE> is issued by the VDE testing and certification institute.

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 according IEC 60332-1-2

Norm references / Approvals

<VDE> 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

H07V-K <VDE>

Technical Data

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 cautions bending
Nominal voltage:	U0/U: 450/750 V
Test voltage:	2500 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

Note

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

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.

H07V-K <VDE>

Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
8120031	1.5	2.8 - 3.4	brown	100	14.4	22
8120011	1.5	2.8 - 3.4	black	100	14.4	22
8120061	1.5	3.4 - 2.8	grey	100	14.4	22
8120021	1.5	3.4 - 2.8	blue	100	14.4	22
8120001	1.5	2.8 - 3.4	green/yellow	100	14.4	22
8120032	2.5	3.4 - 4.1	brown	100	24	37
8120012	2.5	3.4 - 4.1	black	100	24	37
8120062	2.5	3.4 - 4.1	grey	100	24	37
8120022	2.5	3.4 - 4.1	blue	100	24	37
8120002	2.5	3.4 - 4.1	green/yellow	100	24	37
8120033	4.0	3.9 - 4.8	brown	100	38.4	45
8120013	4.0	3.9 - 4.8	black	100	38.4	45
8120063	4.0	3.9 - 4.8	grey	100	38.4	45
8120023	4.0	3.9 - 4.8	blue	100	38.4	45
8120003	4.0	3.9 - 4.8	green/yellow	100	38.4	45
8120034	6.0	4.4 - 5.3	brown	100	57.6	71
8120014	6.0	4.4 - 5.3	black	100	57.6	71
8120064	6.0	4.4 - 5.3	grey	100	57.6	71
8120024	6.0	4.4 - 5.3	blue	100	57.6	71
8120004	6.0	4.4 - 5.3	green/yellow	100	57.6	71