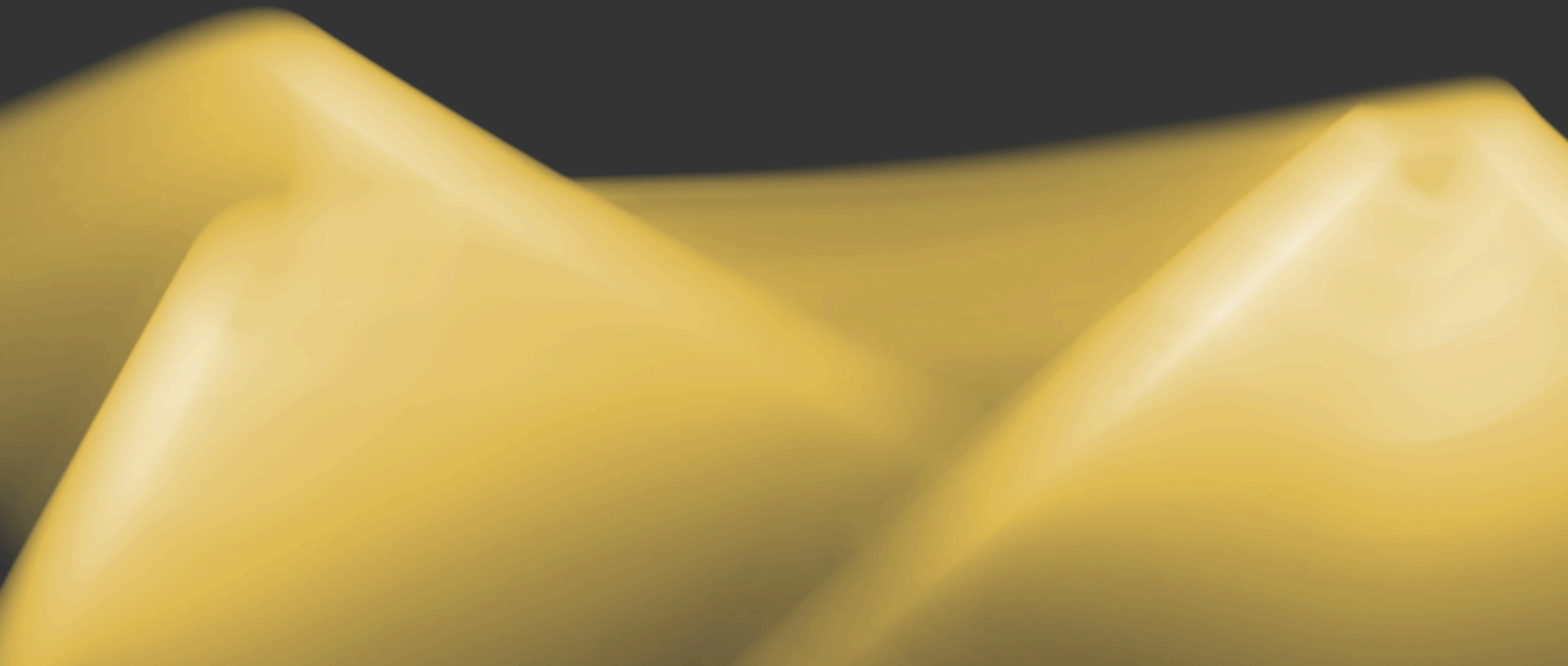




Low Voltage Cables  
Product Catalogue  
H07V-K  
**2023**



## H07V-K

### CONSTRUCTION

Based on: EN 50525-2-31 (IEC 60227-3/SS 358-3)  
 Conductor: Flexible copper wires according to EN 60228 Class 5  
 Outer Jacket: PVC compound T11 quality according to EN 50363-3

### TECHNICAL DATA

Nominal Voltage  $U_0/U$ : 450/750 V  
 Test Voltage: 1000 V  
 Current Rating: according to EN 50565-1  
 Temperature Range: -10°C to +70°C  
 Max Short Circuit Temperature: 160°C  
 Min Bending Radius: 4 x D (outer diameter)  
 Flame Retardant: according to IEC 60332-1-2  
 Max Tensile Strength: 50N/mm<sup>2</sup>









## H07V-K

### APPLICATION

H07V-K is a flexible PVC cable resistant to flame, making it suitable for use in fixed and protected installations such as conduits or within a panel. For example, in lighting installations and control panel applications.

### COLOURS

-  Black,
-  Blue,
-  Brown,
-  Green,
-  Grey,
-  Light Blue,
-  Orange,
-  Pink,
-  Red,
-  Violet,
-  White,
-  Yellow,
-  Green/Yellow

## H07V-K

### DATA SHEET

NOMINAL SIZE	GOLDBERG NUMBER	NOMINAL INSULATION THICKNESS	MEAN OVERALL DIAMETER	RESISTANCE OF CONDUCTOR AT 20°C	CURRENT CARRYING CAPACITY AIR AMBIENT TEMPERATURE OF 30°C	APPROX WEIGHT OF CABLE
mm <sup>2</sup>		mm	mm	Ω/km	A	kg/km
1 x 1.5	GB900150	0.53	2.6 – 3.2	13.3	24	20
1 x 2.5	GB900250	0.62	3.25 – 3.85	7.98	32	32
1 x 4	GB900400	0.62	3.75 – 4.35	4.95	42	45
1 x 6	GB900600	0.62	4.35 – 4.95	3.3	54	64
1 x 10	GB901000	0.8	5.4 – 7.0	1.91	73	111
1 x 16	GB901600	0.8	6.5 – 8.1	1.21	98	167
1 x 25	GB902500	0.98	7.9 – 9.9	0.78	129	253
1 x 35	GB903500	0.98	9.1 – 11.1	0.554	158	345
1 x 50	GB905000	1.16	11.0 – 13.0	0.386	198	490
1 x 70	GB907000	1.16	12.8 – 14.8	0.272	245	680
1 x 95	GB909500	1.34	14.5 – 17.3	0.206	292	901
1 x 120	GB12000	1.34	16.1 – 18.9	0.161	344	1132
1 x 150	GB15000	1.52	17.6 – 21.6	0.129	391	1410
1 x 185	GB18500	1.70	19.7 – 23.7	0.106	448	1730
1 x 240	GB24000	1.88	21.7 – 27.7	0.0801	528	2260

No third-party certification body is provided for this cable, only factory test report is issued by Goldberg Kabel upon request. All drawings, designs, specifications, particulars of weights, sizes and dimensions contained in the product catalogue of Goldberg is indicative and shall not be binding on Goldberg or be treated as constituting a representation on the part of Goldberg. The product description and information in our publications are accurate and reliable to the best of our knowledge. The information is a general description of the characteristics of our products and do not always apply. Goldberg reserves the right to change, modify, transfer, or otherwise revise the specifications without notice, and the most current version of the specifications shall be applicable. Product to be handled only by qualified personnel, in compliance with the current installation standards: EN 50565-1 & 2 + IEC/HD 60364. We will not be held liable for any claims or losses of any damages.



