



Voltage : H05V-K : 300 / 500 V  
 : H07V-K : 450 / 750 V  
 Temp. : Fixed : 80 °C

### Application

**H05V-K / H07V-K** is mainly used in wiring of switchboard cabinets. The cable is designed to be flexible to facilitate the installation of this cable in the confine space of the cabinets.

### Cable Construction

- Fine strands of bare copper conductors according to DIN VDE 0295 class 5 and IEC 60228 and HD 383
- PVC insulation, T11 accordance to DIN VDE 0281 part 3, IEC 60227-3 and HD 21.3 S3
- Core classification accordance to DIN VDE 0293
- Core colours available in various colours
- PVC self-extinguishing and flame retardant, test method B according to VDE 0472 part 804 and IEC 60332-1

### Technical Data

Standard : According to DIN VDE 0281 part 3, IEC 60227-3, HD 21.3 S3

Nominal voltage : H05V-K : U<sub>o</sub>/U 300/500 V  
 : H07V-K : U<sub>o</sub>/U 450/750 V

Temperature range : Flexing : – 5°C to + 70°C  
 Fixed laying : – 30°C to + 80°C

Testing voltage : 2 KV, 50 Hz

Insulation resistance : Min. 10 MOhm x km

Min. bending radius : 12.5 x cable diameter

### H05V-K

Item No.	No. Of Core x Section mm <sup>2</sup>	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
132001	1 x 0.5	2.1	4.8	8
132002	1 x 0.75	2.3	7.2	12
132003	1 x 1	2.5	9.6	14

### H07V-K

Item No.	No. Of Core x Section mm <sup>2</sup>	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
132004	1 x 1.5	3.0	14.0	21
132005	1 x 2.5	3.7	24.0	33
132006	1 x 4	4.2	38.0	50
132007	1 x 6	4.8	58.0	65
132008	1 x 10	6.2	96.0	120
132009	1 x 16	7.7	154.0	180
132010	1 x 25	9.2	240.0	260
132011	1 x 35	11.5	336.0	360
132012	1 x 50	12.5	480.0	515
132013	1 x 70	15.0	672.0	710
132014	1 x 95	16.0	912.0	940
132015	1 x 120	18.5	1152.0	1180
132016	1 x 150	20.0	1440.0	1600
132017	1 x 185	23.3	1776.0	1817
132018	1 x 240	26.6	2304.0	2336