

## PVC-insulated conductor for internal wiring

H05V-K, H07V-K

Single cores according to VDE 0281; H05V-K as per part 101; H07V-K as per part 103



### Applications

PVC-insulated single cores are employed for the internal wiring of equipment and for the protected installation of conductors in lamps.

### Design

- Stranded bare Cu conductor, fine wire
- Strand structure according to VDE 0295, class 5
- PVC Insulation
- with different colours

### Electrical and technical data

#### H05V-K

Rated voltage: 300/500 V

Test voltage: 2000 V

#### H07V-K

Rated voltage: 450/750 V

Test voltage: 2500 V

Bending radius: 4 x cable diameter

Temperature range:

moved -5° C to +70° C  
unmoved -30° C to +70° C

Cross-section sq.mm	Cu content kg/km	Outer diameter approx. mm	Weight approx. kg/km
<b>H05V-K</b>			
0.5	4.8	2.2	9
0.75	7.2	2.3	11
1.0	9.6	2.5	14
<b>H07V-K</b>			
1.5	14.4	3.0	20
2.5	24.0	3.7	30
4.0	38.0	4.2	48
6.0	58.0	4.9	68
10.0	96.0	6.4	118
16.0	153.6	7.9	185
25.0	240.0	9.8	286
35.0	336.0	11.2	388
50.0	480.0	13.1	566
70.0	672.0	15.3	771
95.0	912.0	18.5	934
120.0	1152.0	20.0	1250
150.0	1440.0	22.0	1600
185.0	1776.0	23.6	1980
240.0	2304.0	27.7	2600