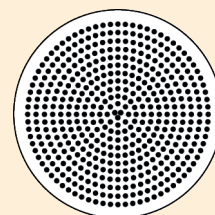
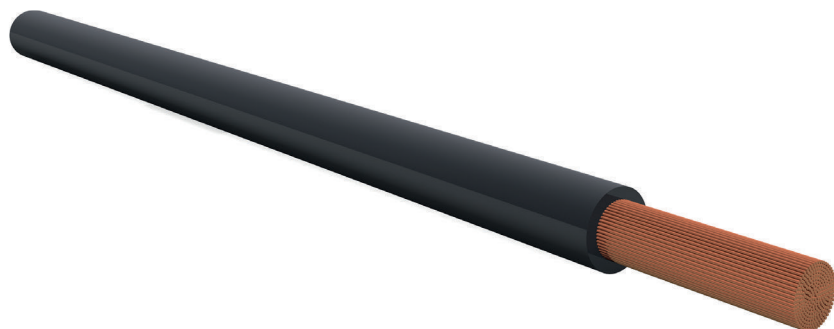


# H07-VK

## PVC - insulated flexible wires

RoHS

### CROSS SECTION



Acc. to VDE 0285-525-2-31

## APPLICATION

Installation in dry rooms, switchgears and distribution boards, in pipes, on or within plastered surfaces and in sealed cable ducts. This PVC core cable can be installed for the following purposes: the internal wiring of appliances, switchgears and distribution boards, as well as for shielded installation in and on lights with a nominal voltage of up to 1000 V alternating current or up to 750 V direct current to earth. It is not suitable to be directly laid on platforms, channels or troughs.

## STRUCTURE

|                  |  |
|------------------|--|
| <b>Conductor</b> | Copper conductor, bare, flexible (class 5) according to DIN VDE 0295 and IEC 60228 cl. 5, HD 383 |
| <b>Cores</b>     | PVC insulation according to VDE 0281 part 1, colour coding according to VDE 0293                 |

## TECHNICAL DATA

|                                      |                        |
|--------------------------------------|------------------------|
| <b>Nominal voltage</b>               | 450 V/750 V            |
| <b>Test voltage</b>                  | 2500 V                 |
| <b>Insulation resistance</b>         | 20 MOhm x km           |
| <b>Operating temperature</b>         | On the conductor +70°C |
| <b>Min. installation temperature</b> | -5°C                   |
| <b>Max. installation temperature</b> | +70°C                  |

| Product description | Colour                | Cu weight | Outer Ø (mm) | Weight (kg/km) |
|---------------------|-----------------------|-----------|--------------|----------------|
| H07 V-K 1.5         | Black                 | 14.4      | 3.1          | 20             |
|                     | Green/yellow          | 14.4      | 3.1          | 20             |
|                     | White                 | 14.4      | 3.1          | 20             |
|                     | Red                   | 14.4      | 3.1          | 20             |
|                     | Light blue RAL5015    | 14.4      | 3.1          | 20             |
|                     | Brown                 | 14.4      | 3.1          | 20             |
|                     | Grey                  | 14.4      | 3.1          | 20             |
|                     | Violet                | 14.4      | 3.1          | 20             |
|                     | Orange                | 14.4      | 3.1          | 20             |
|                     | Dark blue RAL5010     | 14.4      | 3.1          | 20             |
|                     | Yellow                | 14.4      | 3.1          | 20             |
|                     | Green                 | 14.4      | 3.1          | 20             |
|                     | Ultramarine RAL5002   | 14.4      | 3.1          | 20             |
|                     | Light blue RAL5012    | 14.4      | 3.1          | 20             |
|                     | Flame red RAL3000     | 14.4      | 3.1          | 20             |
|                     | Squirrel grey RAL7000 | 14.4      | 3.1          | 20             |
|                     | Pink                  | 14.4      | 3.1          | 20             |

| Product description | Colour              | Cu weight | Outer Ø (mm) | Weight (kg/km) |
|---------------------|---------------------|-----------|--------------|----------------|
| H07 V-K 2.5         | Black               | 24.0      | 3.8          | 32             |
|                     | Green/yellow        | 24.0      | 3.8          | 32             |
|                     | White               | 24.0      | 3.8          | 32             |
|                     | Red                 | 24.0      | 3.8          | 32             |
|                     | Light blue RAL5015  | 24.0      | 3.8          | 32             |
|                     | Brown               | 24.0      | 3.8          | 32             |
|                     | Grey                | 24.0      | 3.8          | 32             |
|                     | Violet              | 24.0      | 3.8          | 32             |
|                     | Orange              | 24.0      | 3.8          | 32             |
|                     | Dark blue RAL5010   | 24.0      | 3.8          | 32             |
|                     | Yellow              | 24.0      | 3.8          | 32             |
|                     | Green               | 24.0      | 3.8          | 32             |
|                     | Ultramarine RAL5002 | 24.0      | 3.8          | 32             |
|                     | Light blue RAL5012  | 24.0      | 3.8          | 32             |
|                     | Flame red RAL3000   | 24.0      | 3.8          | 32             |
| H07 V-K 4.0         | Black               | 38.4      | 4.4          | 46             |
|                     | Green/yellow        | 38.4      | 4.4          | 46             |
|                     | White               | 38.4      | 4.4          | 46             |
|                     | Red                 | 38.4      | 4.4          | 46             |
|                     | Light blue RAL5015  | 38.4      | 4.4          | 46             |
|                     | Brown               | 38.4      | 4.4          | 46             |
|                     | Grey                | 38.4      | 4.4          | 46             |
|                     | Orange              | 38.4      | 4.4          | 46             |
|                     | Dark blue RAL5010   | 38.4      | 4.4          | 46             |
|                     | Yellow              | 38.4      | 4.4          | 46             |
|                     | Flame red RAL3000   | 38.4      | 4.4          | 46             |
| H07 V-K 6.0         | Black               | 58.0      | 5.0          | 65             |
|                     | Green/yellow        | 58.0      | 5.0          | 65             |
|                     | White               | 58.0      | 5.0          | 65             |
|                     | Red                 | 58.0      | 5.0          | 65             |
|                     | Light blue RAL5015  | 58.0      | 5.0          | 65             |
|                     | Brown               | 58.0      | 5.0          | 65             |
|                     | Grey                | 58.0      | 5.0          | 65             |
|                     | Dark blue RAL5010   | 58.0      | 5.0          | 65             |
|                     | Yellow              | 58.0      | 5.0          | 65             |
|                     | Flame red RAL3000   | 58.0      | 5.0          | 65             |
|                     | H07 V-K 10.0        | Black     | 96.0         | 6.4            |
| Green/yellow        |                     | 96.0      | 6.4          | 113            |
| White               |                     | 96.0      | 6.4          | 113            |
| Red                 |                     | 96.0      | 6.4          | 113            |
| Light blue RAL5015  |                     | 96.0      | 6.4          | 113            |
| Brown               |                     | 96.0      | 6.4          | 113            |
| Grey                |                     | 96.0      | 6.4          | 113            |
| Dark blue RAL5010   |                     | 96.0      | 6.4          | 113            |
| Yellow              |                     | 96.0      | 6.4          | 113            |
| Flame red RAL3000   |                     | 96.0      | 6.4          | 113            |
| H07 V-K 16.0        |                     | Black     | 154.0        | 7.2            |
|                     | Green/yellow        | 154.0     | 7.2          | 170            |
|                     | White               | 154.0     | 7.2          | 170            |
|                     | Red                 | 154.0     | 7.2          | 170            |
|                     | Light blue RAL5015  | 154.0     | 7.2          | 170            |
|                     | Brown               | 154.0     | 7.2          | 170            |
|                     | Grey                | 154.0     | 7.2          | 170            |
|                     | Dark blue RAL5010   | 154.0     | 7.2          | 170            |
|                     | Yellow              | 154.0     | 7.2          | 170            |
|                     | Flame red RAL3000   | 154.0     | 7.2          | 170            |
|                     | H07 V-K 25.0        | Black     | 240.0        | 8.9            |
| Green/yellow        |                     | 240.0     | 8.9          | 260            |
| Light blue RAL5015  |                     | 240.0     | 8.9          | 260            |
| H07 V-K 35.0        | Black               | 336.0     | 10.1         | 360            |
|                     | Green/yellow        | 336.0     | 10.1         | 360            |
|                     | Light blue RAL5015  | 336.0     | 10.1         | 360            |
| H07 V-K 50.0        | Black               | 480.0     | 11.8         | 515            |
|                     | Green/yellow        | 480.0     | 11.8         | 515            |

| Product description | Colour       | Cu weight | Outer Ø (mm) | Weight (kg/km) |
|---------------------|--------------|-----------|--------------|----------------|
| H07 V-K 70.0        | Black        | 672.0     | 13.6         | 710            |
|                     | Green/yellow | 672.0     | 13.6         | 710            |
| H07 V-K 95.0        | Black        | 912.0     | 15.7         | 940            |
|                     | Green/yellow | 912.0     | 15.7         | 940            |
| H07 V-K 120.0       | Black        | 1152.0    | 17.3         | 1180           |
|                     | Green/yellow | 1152.0    | 17.3         | 1180           |
| H07 V-K 150.0       | Black        | 1440.0    | 19.8         | 1400           |
|                     | Green/yellow | 1440.0    | 19.8         | 1400           |
| H07 V-K 185.0       | Black        | 1776.0    | 21.6         | 1700           |
|                     | Green/yellow | 1776.0    | 21.6         | 1700           |
| H07 V-K 240.0       | Black        | 2304.0    | 24.6         | 2230           |
|                     | Green/yellow | 2304.0    | 24.6         | 2230           |

