

## Datasheet

## Industrial PVC-cables H05VV-F/A05VV-F/X05VV-F

### Technical attributes

|                                             |                            |
|---------------------------------------------|----------------------------|
| Standards                                   | DIN VDE 0281- 5            |
| Conductor material                          | Cu, bare                   |
| Conductor type                              | flexible                   |
| Conductor standard                          | DIN VDE 0295               |
| Conductor category                          | 5                          |
| Core insulation                             | PVC                        |
| Core colours                                | DIN VDE 0293-1             |
| Outer sheath                                | PVC                        |
| Outer sheath colour                         | black, white or on request |
| Temperature range min., mobile operation    | -10 °C                     |
| Temperature range max., mobile operation    | +60 °C                     |
| Short circuit temperature at conductor max. | +150 °C                    |
| Nominal voltage U <sub>0</sub> /U           | 300/500 V                  |
| Test voltage                                | 2 kV                       |
| Minimum bending radius, mobile operation    | 7,5 x cable-Ø              |
| RoHS-compliant                              | yes                        |



### Description

For use on lightweight hand-held devices with low mechanical stress as well as for connecting light electrical appliances such as kitchen appliances, office equipments and radios. Not suitable for cooking and heating appliances and also not suitable for outdoor use in industrial and agricultural businesses and to connect power tools used.

### Note

PVC multi core cable

### Product table

| product number | product name                 | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|------------------------------|-----------------|-------------------|------------------|---------------------|
|                | H05VV-F 2 x 0,75 bk          | 52,00           | 14,40             | 7,20             | RAL 9005 black      |
|                | H05VV-F 2 x 0,75 wh RAL 9010 | 52,00           | 14,40             | 7,20             | RAL 9010 white      |
|                | H05VV-F 2 x 0,75 gy          | 52,00           | 14,40             | 7,20             | grey                |
|                | H05VV-F 3 G 0,75 bk          | 62,00           | 21,60             | 6,60             | RAL 9005 black      |
|                | H05VV-F 3 G 0,75 wh RAL 9010 | 62,00           | 21,60             | 6,60             | RAL 9010 white      |
|                | H05VV-F 3 G 0,75 gy          | 62,00           | 21,60             | 6,60             | grey                |
|                | H05VV-F 4 G 0,75 bk RAL      | 75,00           | 29,00             | 7,20             | RAL 9005 black      |
|                | H05VV-F 4 G 0,75 wh RAL 9010 | 75,00           | 29,00             | 7,20             | RAL 9010 white      |

| product number | product name                 | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|------------------------------|-----------------|-------------------|------------------|---------------------|
|                | H05VV-F 5 G 0,75 bk          | 96,00           | 36,00             | 8,00             | RAL 9005 black      |
|                | H05VV-F 5 G 0,75 wh RAL 9010 | 96,00           | 36,00             | 8,00             | RAL 9010 white      |
|                | H05VV-F 2 x 1 bk             | 59,00           | 19,20             | 6,60             | RAL 9005 black      |
|                | H05VV-F 2 x 1 wh RAL 9010    | 59,00           | 19,20             | 6,60             | RAL 9010 white      |
|                | H05VV-F 3 G 1 bk             | 72,00           | 29,00             | 7,00             | RAL 9005 black      |
|                | H05VV-F 3 G 1 wh RAL 9010    | 72,00           | 29,00             | 7,00             | RAL 9010 white      |
|                | H05VV-F 3 G 1 bn             | 72,00           | 29,00             | 7,00             | brown               |
|                | H05VV-F 3 G 1 gy             | 72,00           | 29,00             | 7,00             | RAL 9005 black      |
|                | H05VV-F 4 G 1 bk             | 90,00           | 38,00             | 7,80             | RAL 9005 black      |
|                | H05VV-F 4 G 1 wh RAL 9010    | 90,00           | 38,00             | 7,80             | RAL 9010 white      |
|                | H05VV-F 5 G 1 bk             | 110,00          | 48,00             | 8,60             | RAL 9005 black      |
|                | H05VV-F 5 G 1 wh RAL 9010    | 110,00          | 48,00             | 8,60             | RAL 9010 white      |
|                | H05VV-F 2 x 1,5 bk           | 79,00           | 29,00             | 7,70             | RAL 9005 black      |
|                | H05VV-F 2 x 1,5 wh RAL 9010  | 79,00           | 29,00             | 7,70             | RAL 9010 white      |
|                | H05VV-F 2 x 1,5 gy           | 79,00           | 29,00             | 7,70             | grey                |
|                | H05VV-F 3 G 1,5 bk           | 100,00          | 43,20             | 8,40             | RAL 9005 black      |
|                | H05VV-F 3 G 1,5 wh RAL 9010  | 100,00          | 43,20             | 8,40             | RAL 9010 white      |
|                | H05VV-F 3 G 1,5 gy           | 100,00          | 43,20             | 8,40             | grey                |
|                | H05VV-F 3 G 1,5 bn           | 100,00          | 43,20             | 8,40             | brown               |
|                | H05VV-F 4 G 1,5 bk           | 126,00          | 58,00             | 9,30             | RAL 9005 black      |
|                | H05VV-F 4 G 1,5 wh RAL 9010  | 126,00          | 58,00             | 9,30             | RAL 9010 white      |
|                | H05VV-F 4 G 1,5 gy           | 126,00          | 58,00             | 9,30             | grey                |
|                | H05VV-F 5 G 1,5 wh RAL 9010  | 157,00          | 72,00             | 10,40            | RAL 9010 white      |
|                | H05VV-F 5 G 1,5 bk           | 157,00          | 72,00             | 10,40            | black               |
|                | H05VV-F 5 G 1,5 gy           | 157,00          | 72,00             | 10,40            | grey                |
|                | A05VV-F 7 G 1,5 bk           | 204,00          | 101,00            | 11,50            | black               |
|                | A05VV-F 7 G 1,5 wh           | 204,00          | 101,00            | 11,50            | white               |
|                | H05VV-F 2 x 2,5 bk           | 125,00          | 48,00             | 9,30             | RAL 9005 black      |
|                | H05VV-F 2 x 2,5 wh RAL       | 125,00          | 48,00             | 9,30             | RAL 9010 white      |

| product number | product name                | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|-----------------------------|-----------------|-------------------|------------------|---------------------|
|                |                             |                 |                   |                  |                     |
|                | H05VV-F 3 G 2,5 bk          | 150,00          | 72,00             | 10,00            | RAL 9005 black      |
|                | H05VV-F 3 G 2,5 wh RAL 9010 | 150,00          | 72,00             | 10,00            | RAL 9010 white      |
|                | H05VV-F 4 G 2,5 bk          | 190,00          | 96,00             | 11,00            | RAL 9005 black      |
|                | H05VV-F 4 G 2,5 wh RAL 9010 | 190,00          | 96,00             | 11,00            | RAL 9010 white      |
|                | H05VV-F 5 G 2,5 bk          | 237,00          | 120,00            | 12,30            | RAL 9005 black      |
|                | H05VV-F 5 G 2,5 wh RAL 9010 | 237,00          | 120,00            | 12,30            | RAL 9010 white      |
|                | A05VV-F 7 G 2,5 bk          | 299,00          | 168,00            | 13,30            | black               |
|                | A05VV-F 7 G 2,5 wh          | 299,00          | 168,00            | 13,30            | white               |
|                | H05VV-F 5 G 4 wh            | 340,00          | 192,00            | 14,00            | white               |