

PVC-insulated cords H05VV-F acc. to VDE 0281-5



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|--|-------------------------------|
| conductor material: | bare copper |
| conductor construction: | fine stranded, class 5 |
| insulation: | PVC TI2 |
| maximum temperature at conductor: | 60 °C |
| sheathing material: | PVC TM2 |
| bending radius, moved application: | 5 x DA |
| bending radius, fixed installation: | 3 x DA |
| flame retardant: | VDE 0482-332-1-2/IEC 60332-1 |
| max. operating temperature, fixed: | +50 °C |
| core identification: | colours acc. VDE 0293 (HD308) |
| nominal voltage U₀: | 300 V |
| nominal voltage U: | 500 V |
| test voltage: | 2 kV |

Application: For medium mechanical stress in household, kitchen and office rooms; For household appliances also in wet rooms. Applicable for cooking and heating devices provided that the cable is not in touch with hot parts or heat irradiation. Not for permanent use in free air.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data H05VV-F

| p/n | part name | Rl [Ω/km] | I _{bl} [A] | DA [mm] | CU | G [kg/km] |
|--------|--------------------|--------------|------------------------|------------|------|--------------|
| 031050 | H05VV-F 02X0,75 WS | 26 | 6 | 5,8 | 14,4 | 52 |
| 030724 | H05VV-F 02X1 SW | 19,5 | 10 | 6,5 | 19 | 65 |
| 030012 | H05VV-F 02X1 WS | 19,5 | 10 | 6,5 | 19 | 65 |
| 030013 | H05VV-F 02X1,5 SW | 13,3 | 16 | 7,5 | 29 | 90 |
| 030014 | H05VV-F 02X1,5 WS | 13,3 | 16 | 7,5 | 29 | 90 |
| 030039 | H05VV-F 02X2,5 SW | 7,98 | 20 | 9 | 48 | 115 |
| 030015 | H05VV-F 02X2,5 WS | 7,98 | 20 | 9 | 48 | 115 |
| 030016 | H05VV-F 03G0,75 SW | 26 | 6 | 6,5 | 21,6 | 70 |
| 030017 | H05VV-F 03G0,75 WS | 26 | 6 | 6,5 | 21,6 | 70 |
| 031052 | H05VV-F 03G0,75 GR | 26 | 6 | 6,5 | 21,6 | 70 |
| 030019 | H05VV-F 03G1 WS | 19,5 | 10 | 7 | 29 | 80 |
| 030018 | H05VV-F 03G1 SW | 19,5 | 10 | 7 | 29 | 80 |
| 030743 | H05VV-F 03G1 BR | 19,5 | 10 | 7 | 29 | 80 |
| 030021 | H05VV-F 03G1,5 WS | 13,3 | 16 | 8,2 | 43 | 115 |
| 030020 | H05VV-F 03G1,5 SW | 13,3 | 16 | 8,2 | 43 | 115 |
| 030041 | H05VV-F 03G1,5 BR | 13,3 | 16 | 8,2 | 43 | 115 |
| 030605 | H05VV-F 03G1,5 OR | 13,3 | 16 | 8,2 | 43 | 115 |
| 031051 | H05VV-F 03G1,5 GR | 13,3 | 16 | 8,2 | 43 | 115 |
| 030023 | H05VV-F 03G2,5 WS | 7,98 | 20 | 9,8 | 72 | 175 |
| 030022 | H05VV-F 03G2,5 SW | 7,98 | 20 | 9,8 | 72 | 175 |
| 031053 | H05VV-F 04G0,75 SW | 26 | 6 | 6,7 | 29 | 75 |
| 031054 | H05VV-F 04G0,75 WS | 26 | 6 | 6,7 | 29 | 75 |
| 031055 | H05VV-F 04G1 SW | 19,5 | 10 | 7,2 | 38 | 92 |
| 034677 | H05VV-F 04G1 WS | 19,5 | 10 | 7,2 | 38,4 | 92 |
| 030024 | H05VV-F 04G1,5 SW | 13,3 | 16 | 9,2 | 58 | 145 |
| 030025 | H05VV-F 04G1,5 WS | 13,3 | 16 | 9,2 | 58 | 145 |

table: technical data H05VV-F

| p/n | part name | RI [Ω /km] | Ibl [A] | DA [mm] | CU | G [kg/km] |
|--------|--------------------|-----------------------|------------|------------|-----|--------------|
| 030027 | H05VV-F 04G2,5 WS | 7,98 | 20 | 10,7 | 96 | 210 |
| 030026 | H05VV-F 04G2,5 SW | 7,98 | 20 | 10,7 | 96 | 210 |
| 031058 | H05VV-F 05G0,75 SW | 26 | 6 | 7,5 | 36 | 96 |
| 031057 | H05VV-F 05G0,75 WS | 26 | 6 | 7,5 | 36 | 96 |
| 031061 | H05VV-F 05G1 SW | 19,5 | 10 | 8 | 48 | 113 |
| 031060 | H05VV-F 05G1 WS | 19,5 | 10 | 8 | 48 | 113 |
| 030029 | H05VV-F 05G1,5 WS | 13,3 | 16 | 10,2 | 72 | 175 |
| 030028 | H05VV-F 05G1,5 SW | 13,3 | 16 | 10,2 | 72 | 175 |
| 031059 | H05VV-F 05G1,5 BR | 13,3 | 16 | 10,2 | 72 | 175 |
| 030031 | H05VV-F 05G2,5 WS | 7,98 | 20 | 13 | 120 | 260 |
| 030030 | H05VV-F 05G2,5 SW | 7,98 | 20 | 13 | 120 | 260 |