

# Rubber insulated cable H05RR/RN-F acc. to VDE 0282-4



|   |                              |
|---|------------------------------|
| <b>conductor material:</b>                | bare copper                  |
| <b>conductor construction:</b>            | fine stranded, class 5       |
| <b>insulation:</b>                        | rubber (EPR) EI4             |
| <b>maximum temperature at conductor:</b>  | 60 °C                        |
| <b>sheathing material:</b>                | rubber (CR) EM2              |
| <b>flame retardant:</b>                   | VDE 0482-332-1-2/IEC 60332-1 |
| <b>max. operating temperature, fixed:</b> | -25 - 60 °C                  |

|                                       |                               |                               |
|---------------------------------------|-------------------------------|-------------------------------|
|                                       | <i>H05RN-F</i>                | <i>H05RR-F</i>                |
| <b>core identification:</b>           | colours acc. VDE 0293 (HD308) | colours acc. VDE 0293 (HD308) |
| <b>nominal voltage U<sub>0</sub>:</b> | 300 V                         | 300 V                         |
| <b>nominal voltage U:</b>             | 500 V                         | 500 V                         |
| <b>version:</b>                       | round                         | round                         |

**Application:** For connection of electrical appliances (vacuum cleaners, kitchen appliances, soldering iron etc.) with low mechanical stress in households, kitchens, offices. Not for permanent outdoor use.



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 H05RN-F

| Art.-Nr. | part-name          | DA [mm] | G [kg/km] | CU   |
|----------|--------------------|---------|-----------|------|
| 050168   | H05RN-F 02X0,75 SW | 6,2     | 60        | 14,4 |
| 050167   | H05RN-F 02X1 SW    | 6,8     | 70        | 19   |
| 050166   | H05RN-F 03G0,75 SW | 6,6     | 80        | 21,6 |
| 050169   | H05RN-F 03G1 SW    | 7,2     | 90        | 29   |
| 051065   | H07RN-F 04X0,75 SW | 24,2    | 76        | 29   |

| Art.-Nr. | part-name          | DA [mm] | G [kg/km] | CU |
|----------|--------------------|---------|-----------|----|
| 051066   | H07RN-F 04G0,75 SW | 24,2    | 76        | 29 |

table: technical data H05RR-F

| Art.-Nr. | part-name          | DA [mm] | G [kg/km] | CU   |
|----------|--------------------|---------|-----------|------|
| 050019   | H05RR-F 02X0,75 SW | 6,2     | 60        | 14,4 |
| 050020   | H05RR-F 02X1 SW    | 6,8     | 70        | 19   |
| 050021   | H05RR-F 02X1,5 SW  | 8,2     | 100       | 29   |
| 050022   | H05RR-F 02X2,5 SW  | 9,7     | 150       | 48   |
| 050023   | H05RR-F 03G0,75 SW | 6,6     | 80        | 21,6 |
| 050024   | H05RR-F 03G1 SW    | 7,2     | 90        | 29   |
| 050025   | H05RR-F 03G1,5 SW  | 8,8     | 130       | 43   |
| 050026   | H05RR-F 03G2,5 SW  | 10,2    | 180       | 72   |

| Art.-Nr. | part-name          | DA [mm] | G [kg/km] | CU  |
|----------|--------------------|---------|-----------|-----|
| 050027   | H05RR-F 04G0,75 SW | 7,2     | 90        | 29  |
| 050100   | H05RR-F 04G1 SW    | 7,8     | 110       | 38  |
| 050028   | H05RR-F 04G1,5 SW  | 9,8     | 170       | 58  |
| 050029   | H05RR-F 04G2,5 SW  | 11,2    | 230       | 96  |
| 050030   | H05RR-F 05G1,5 SW  | 10,7    | 190       | 72  |
| 050031   | H05RR-F 05G2,5 SW  | 12,5    | 280       | 120 |
| 050897   | H05RR-F 05G0,75 SW | 9,9     | 113       | 36  |