



## Rubber-insulated cables - H05RR-F Industrial rubber-cable



### Technical attributes

|  |   |
|--|---|
| Standards                                  | to DIN VDE 0282 part1 4, rubber insulation to DIN VDE 0282 part 4, HD 22.4 S3 = IEC 60245-4   |
| Conductor material                         | Cu, bare  |
| Conductor standard                         | DIN VDE 0295  |
| Conductor category                         | 5   |
| Core insulation                            | vulcanized rubber mixture E14   |
| Core colours                               | according to DIN VDE 0293 up to 5 cores colored, from 6 cores black with consecutive printed numbers, earth conductor gn / ye vulcanized rubber mixture EM3 |
| Outer sheath                               | black   |
| Outer sheath colour                        | black   |
| Temperature range min., mobile operation   | -30 °C  |
| Temperature range max., mobile operation   | +60 °C  |
| Temperature range min., fixed installation | -30 °C  |
| Temperature range max., fixed installation | +60 °C  |
| Operating temperature at conductor         | #NV °C  |
| Nominal voltage U <sub>0</sub> /U          | 300/500 V   |
| Operating voltage                          | in three-and single-phase U <sub>0</sub> / U = 318/550 V for direct current systems U <sub>0</sub> / U = 413/825 V  |
| Test voltage                               | 2000 V  |
| Minimum bending radius mobile operation    | ca. 7,5 x cable-Ø   |
| fire behaviour                             | Ozone resistant according to DIN VDE 0472 part 804 test B and IEC 60332-1, contact with oils and fats allowed   |
| RoHS-compliant                             | yes   |

### Description

Lightweight rubber hose for connection of electrical appliances at low to medium mechanical stress in the home and office in dry and wet rooms but not suitable for permanent outdoor use.

### Note

Industrial rubber-cable

### Product table

| product number | product name     | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|------------------|-----------------|-------------------|------------------|---------------------|
| 01901001       | H05RR-F 2 x 0,75 | 51.00           | 14,40             | 6,20             | black               |
| 01901002       | H05RR-F 3 G 0,75 | 64.00           | 21,60             | 8,80             | black               |
| 01901003       | H05RR-F 4 G 0,75 | 79.00           | 29,00             | 9,60             | black               |
| 01901015       | H05RR-F 5 G 0,75 | 80,00           | 36,00             | 9,50             | black               |
| 01901004       | H05RR-F 2 x 1    | 61.00           | 19,20             | 6,80             | black               |
| 01901005       | H05RR-F 3 G 1    | 73.00           | 29,00             | 9,20             | black               |



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| product number | product name    | Weight ca. [kg] | Cu-weight [kg_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|-----------------|-----------------|-------------------|------------------|---------------------|
| 01901006       | H05RR-F 4 G 1   | 93.00           | 38,00             | 10,00            | black               |
| 01901007       | H05RR-F 2 x 1,5 | 95.00           | 29,00             | 8,20             | black               |
| 01901008       | H05RR-F 3 G 1,5 | 112.00          | 43,00             | 11,00            | black               |
| 01901009       | H05RR-F 4 G 1,5 | 146.00          | 58,00             | 12,50            | black               |
| 01901010       | H05RR-F 5 G 1,5 | 175.00          | 72,00             | 13,50            | black               |
| 01901011       | H05RR-F 2 x 2,5 | 132.00          | 48,00             | 9,50             | black               |
| 01901012       | H05RR-F 3 G 2,5 | 163.00          | 72,00             | 13,00            | black               |
| 01901013       | H05RR-F 4 G 2,5 | 216.00          | 96,00             | 14,00            | black               |
| 01901014       | H05RR-F 5 G 2,5 | 269.00          | 120,00            | 15,50            | black               |

