

# Rubber connecting cables



## Technical data

- **Temperature range**  
flexing -30°C to +60°C
- **Nominal voltage**  
H05RR-F / H05RN-F: U<sub>0</sub>/U 300/500 V  
H07RN-F: U<sub>0</sub>/U 450/750 V
- **Test voltage**  
H05RR-F / H05RN-F: 2000 V  
H07RN-F: 2500 V
- **Assembly**
  - End 1: Plug
  - End 2: 25 respectively 30 mm stripped with wire end ferrule

## Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of rubber
- Cores identification to DIN VDE 0293-308
- Cores stranded in layers
- GN-YE conductor, 3 cores and above
- Outer sheath of rubber
- Sheath colour black

## Note

- G = with green-yellow conductor  
x = without green-yellow conductor
- On request also with international approval.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

### H05RR-F

Lightweight rubber-sheathed cable for use as a hand tool connection and lightweight workshop tools for light to medium-weight applications in dry and wet rooms.

### H05RN-F

Medium-weight rubber-sheathed cable for use as a hand tool connection and lightweight workshop equipment for light to medium-weight applications in dry rooms, wet rooms outdoors and in industrial water.

### H07RN-F

Heavyweight rubber-sheathed cable for use on heavy equipment and tools (agricultural, construction industry). For heavyweight applications in dry rooms, wet rooms, outdoors and in industrial water.

| Part no. black | Cable type / cross-sec. mm <sup>2</sup> | Length m | Plug type                 | Cop. weight kg / 1000 pcs. | AWG-No. |
|----------------|---|----------|---------------------------|----------------------------|---------|
| 84481          | H05RR-F 2 x 0,75                        | 3,0      | Central contour connector | 43,2                       | 18      |
| 84482          | H05RR-F 2 x 0,75                        | 5,0      | Central contour connector | 72,0                       | 18      |
| 84483          | H05RR-F 2 x 0,75                        | 10,0     | Central contour connector | 144,0                      | 18      |
| 87738          | H05RR-F 2 x 1,0                         | 3,0      | Central contour connector | 57,6                       | 17      |
| 86961          | H05RR-F 2 x 1,0                         | 5,0      | Central contour connector | 96,0                       | 17      |
| 84485          | H05RR-F 2 x 1,0                         | 10,0     | Central contour connector | 192,0                      | 17      |
| 86960          | H05RR-F 2 x 1,5                         | 3,0      | Central contour connector | 86,4                       | 16      |
| 87406          | H05RR-F 2 x 1,5                         | 5,0      | Central contour connector | 144,0                      | 16      |
| 84487          | H05RR-F 2 x 1,5                         | 10,0     | Central contour connector | 288,0                      | 16      |
| 87690          | H05RR-F 3 G 0,75                        | 3,0      | PROTECTED PLUG, straight  | 64,8                       | 18      |
| 84489          | H05RR-F 3 G 0,75                        | 5,0      | PROTECTED PLUG, straight  | 108,0                      | 18      |
| 84490          | H05RR-F 3 G 0,75                        | 10,0     | PROTECTED PLUG, straight  | 216,0                      | 18      |
| 84492          | H05RR-F 3 G 0,75                        | 3,0      | PROTECTED PLUG, angled    | 64,8                       | 18      |
| 84493          | H05RR-F 3 G 0,75                        | 5,0      | PROTECTED PLUG, angled    | 108,0                      | 18      |
| 84494          | H05RR-F 3 G 0,75                        | 10,0     | PROTECTED PLUG, angled    | 216,0                      | 18      |
| 86740          | H07RN-F 3 G 1,0                         | 3,0      | PROTECTED PLUG, straight  | 86,4                       | 17      |
| 87145          | H07RN-F 3 G 1,0                         | 5,0      | PROTECTED PLUG, straight  | 144,0                      | 17      |
| 87604          | H07RN-F 3 G 1,0                         | 10,0     | PROTECTED PLUG, straight  | 288,0                      | 17      |
| 84496          | H07RN-F 3 G 1,0                         | 3,0      | PROTECTED PLUG, angled    | 86,4                       | 17      |
| 84497          | H07RN-F 3 G 1,0                         | 5,0      | PROTECTED PLUG, angled    | 144,0                      | 17      |
| 84498          | H07RN-F 3 G 1,0                         | 10,0     | PROTECTED PLUG, angled    | 288,0                      | 17      |
| 86741          | H07RN-F 3 G 1,5                         | 3,0      | PROTECTED PLUG, straight  | 129,6                      | 16      |
| 87084          | H07RN-F 3 G 1,5                         | 5,0      | PROTECTED PLUG, straight  | 216,0                      | 16      |
| 84499          | H07RN-F 3 G 1,5                         | 10,0     | PROTECTED PLUG, straight  | 432,0                      | 16      |
| 84653          | H07RN-F 3 G 1,5                         | 3,0      | PROTECTED PLUG, angled    | 129,6                      | 16      |
| 84654          | H07RN-F 3 G 1,5                         | 5,0      | PROTECTED PLUG, angled    | 216,0                      | 16      |
| 84655          | H07RN-F 3 G 1,5                         | 10,0     | PROTECTED PLUG, angled    | 432,0                      | 16      |

Dimensions and specifications may be changed without prior notice.