

## H05BQ-F / H07BQ-F

Power cord with PUR outer sheath and European harmonisation (HAR)

PUR power cable, harmonized according H05BQ-F / H07BQ-F type for oil and abrasion resistant use with handheld equipment or building machines

### Info

High mechanical strength

Good oil resistance

H05BQ-F/H07BQ-F design standard



Suitable for outdoor use



Cold-resistant



Mechanical resistance



Oil-resistant

### Benefits

Harmonised use in Europe

Increased durability under harsh conditions thanks to robust PUR outer sheath

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

Wide temperature range for applications in harsh climatic environments

The signal colour of the outer sheath increases safety and visual perception

### Application range

Portable handheld electrical devices such as drills, sanders, jig saws or grinders

Building sites, camp sites, stage applications

Construction machinery

Agricultural equipment

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## H05BQ-F / H07BQ-F

For indoor and outdoor use

### Product features

Oil-resistant  
Abrasion and notch-resistant  
Flexible down to -40 °C  
Resistant to hydrolysis and microbes

### Norm references / Approvals

EN 50525-2-21  
H05BQ-F/H07BQ-F design standard

### Product Make-up

Fine-wire, bare copper conductor  
Core insulation: rubber compound  
Cores twisted together  
PUR outer sheath  
Sheath colour: orange

### Technical Data

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| Classification ETIM 5:    | ETIM 5.0 Class-ID: EC001578<br>ETIM 5.0 Class-Description: Flexible cable                 |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC001578<br>ETIM 6.0 Class-Description: Flexible cable                 |
| Core identification code: | Colours according to VDE 0293-308, refer to Appendix T9                                   |
| Conductor stranding:      | Fine wire according to VDE 0295,<br>class 5/IEC 60228 class 5                             |
| Minimum bending radius:   | For flexible use:<br>12.5 x outer diameter<br>Fixed installation: 4 x outer diameter      |
| Nominal voltage:          | Up to 1.0 mm <sup>2</sup> : U0/U: 300/500 V<br>From 1.5 mm <sup>2</sup> : U0/U: 450/750 V |
| Test voltage:             | 3000 V                                                                                    |
| Protective conductor:     | G = with GN-YE protective conductor<br>X = without protective conductor                   |
| Temperature range:        | Occasional flexing: -40 °C to +90 °C<br>Fixed installation: -50 °C to +90 °C              |

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

\* Trade product, no Lapp product

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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## H05BQ-F / H07BQ-F

| Article number          | Number of cores and mm <sup>2</sup> per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|-------------------------|---------------------------------------------------|---------------------|----------------------|----------------|
| H05BQ-F U0/U: 300/500 V |                                                   |                     |                      |                |
| 0013600                 | 2 X 0.75                                          | 5.7 - 7.4           | 14.4                 | 50             |
| 0013601                 | 3 G 0.75                                          | 6.2 - 8.1           | 21.6                 | 64             |
| 00136023                | 4 G 0.75                                          | 6.8 - 8.8           | 28.8                 | 78             |
| 00136033                | 5 G 0.75                                          | 7.6 - 9.9           | 36                   | 98             |
| 0013610                 | 2 X 1.0                                           | 6.1 - 8             | 19.2                 | 60             |
| 0013611                 | 3 G 1.0                                           | 6.5 - 8.5           | 29                   | 74             |
| 00136123                | 4 G 1.0                                           | 7.1 - 9.3           | 38.4                 | 92             |
| 00136133                | 5 G 1.0                                           | 8 - 10.3            | 48                   | 114            |
| H07BQ-F U0/U: 450/750 V |                                                   |                     |                      |                |
| 0013620                 | 2 X 1.5                                           | 7.6 - 9.8           | 29                   | 87             |
| 0013621                 | 3 G 1.5                                           | 8 - 10.4            | 43                   | 108            |
| 00136223                | 4 G 1.5                                           | 9 - 11.6            | 58                   | 137            |
| 00136233                | 5 G 1.5                                           | 9.8 - 12.7          | 72                   | 165            |
| 0013630                 | 2 X 2.5                                           | 9 - 11.6            | 48                   | 90             |
| 0013631                 | 3 G 2.5                                           | 9.6 - 12.4          | 72                   | 161            |
| 00136323                | 4 G 2.5                                           | 10.7 - 13.8         | 96                   | 206            |
| 00136333                | 5 G 2.5                                           | 11.9 - 16.3         | 120                  | 254            |