

## ÖLFLEX® SF

Super-flexible H05VV-F power cable

ÖLFLEX® SF - H05VV-F harmonised PVC power cable, super flexible and colour-coded for various applications, especially for handheld equipment,  $U_0/U$ : 300/500V

### Info

Super-flexible cable for handheld equipment

Ozone-resistant according to EN 50396



### Benefits

High acceptance in Europe due to Harmonisation

### Application range

Very suitable for domestic appliances, electrical power tools, and various handyman tools

H05VV-F cable types may not be used in commercial premises, with the exception of offices.

Not for permanent outdoor use.

### Product features

Flame-retardant according IEC 60332-1-2

Highly flexible at cold temperatures

Design and geometry in compliance with harmonisation document

Ozone-resistant according to EN 50396

### Norm references / Approvals

H05VV-F acc. to EN 50525-2-11,

from 6 cores: based on EN 50525-2-11

### Product Make-up

Super-fine strands of bare copper wire with an individual wire diameter of 0.07 mm

PVC core insulation, cold-resistant

PVC outer sheath, cold-resistant,

orange (similar to RAL 2003)

Last Update (23.04.2024)

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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

## ÖLFLEX® SF

### 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<br>From 6 cores: black with white numbers |
| Conductor stranding:      | Super-fine wire<br>(diameter of each wire is 0.07 mm)   |
| Minimum bending radius:   | Occasional flexing: 10 x outer diameter<br>Fixed installation: 4 x outer diameter                 |
| Nominal voltage:          | U0/U: 300/500 V   |
| Test voltage:             | 3000 V  |
| Protective conductor:     | G = with GN-YE protective conductor<br>X = without protective conductor                           |
| Temperature range:        | Flexing: -15°C to +60°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).

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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| Article number | Number of cores and mm <sup>2</sup> per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® SF     |   |                     |                      |                |
| 0027590        | 2 X 0.75  | 6.4                 | 14.9                 | 50             |
| 0027591        | 3 G 0.75  | 7                   | 22.3                 | 60             |
| 00275923       | 4 G 0.75  | 7.7                 | 29.7                 | 73             |
| 00275933       | 5 G 0.75  | 8.7                 | 37.1                 | 88             |
| 0027600        | 2 X 1.0   | 6.8                 | 20.1                 | 74             |
| 0027601        | 3 G 1.0   | 7.4                 | 30.2                 | 87             |
| 00276033       | 5 G 1.0   | 9.2                 | 50.8                 | 130            |
| 0027701        | 3 G 1.5   | 8.7                 | 44.8                 | 116            |
| 00277023       | 4 G 1.5   | 9.9                 | 61                   | 166            |
| 00277033       | 5 G 1.5   | 11.1                | 72                   | 184            |