

## 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 (18.05.2025)

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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 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Super-fine wire (diameter of each wire is 0.07 mm)
Minimum bending radius:	Occasional flexing: 10 x outer diameter 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 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
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