

Product Description



Application range

- Especially suitable for domestic appliances, electrical power tools and various handyman tools
- H05VV-F cable types may not be used on commercial premises, with the exception of offices.
- Not for permanent outdoor use.

Design

- Superfine strands of plain copper wire with an individual wire diameter of 0.07 mm
- PVC core insulation, cold resistant
- PVC outer sheath, cold resistant orange (RAL 2003)

Product features

- Flame retardant according to IEC 60332-1-2
- Highly flexible also during usage at low temperature
- Design and geometry in compliance with harmonisation document

Technical Data

Core identification code

Coloured acc. to VDE 0293-308, see appendix T9

Starting at 6 cores: Black with white numbers

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

superfine wire (0.07 mm single wire diameter)

Minimum bending radius

Occasional flexing: 10 x cable diameter

Fixed installation: 4 x cable diameter

Rated voltage

U0/U: 300/500 V

Test voltage

3000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Flexing: -15°C up to +60°C

VDE tested

Type H05VV-F acc. to VDE 0281-5, starting at 6 cores:
based on VDE 0281-5

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in 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	6,9	22.3	60
00275923	4 G 0,75	7,7	29.7	73
00275933	5 G 0,75	8,7	37.1	88
0027594	7 G 0,75	10,4	51.5	109
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	61.0	166
00277033	5 G 1,5	11,1	72.0	184

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum



Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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