

Extra flexible, PUR insulated, colour coded, PUR sheath

### Product Description

Ergonomical flexing-friendly design; Protected against water and dirt; Wear-resistant



### Application range

- Electric operated portables, e.g. for event technology
- Connection- and extension cables

### Benefits

- Ergonomical flexing-friendly design
- Protected against water and dirt
- Wear-resistant

### Design

- Extra fine strands of plain copper wires according to VDE 0295 Class 6 / IEC 60228 Class 6
- Core insulation: Polyurethane (PUR)
- Polyurethane outer sheath (PUR)
- orange (RAL 2003)

### Product features

- Cold flexible
- Furthermore, it is extremely resistant to dilute acids, aqueous alkaline solutions and regular grade petrol, mineral oils, greases and cooling lubricants.
- Flame retardant acc. IEC 60332-1-2 & CSA FT1
- Low adhesive surface



Technical Data

Core identification code

Colour coded according to VDE 0293-308, see Appendix T9

Based on

VDE 0281/0282

Specific insulation resistance

> 150 MOhm x cm

Conductor stranding

Extra fine wire in acc. to VDE 0295 Cl.6 / IEC 60228 Cl.6

Minimum bending radius

Occasional flexing: 15 x cable diameter  
Static: 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

Occasional flexing: -40°C up to +80°C  
Fixed installation: -50°C up to +80°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® 500 P				
0012345	2 X 1,0	7,2	19.5	64
0012346	3 G 1,0	7,6	29.0	77
00123473	4 G 1,0	8,5	38.4	96
00123483	5 G 1,0	9,2	48.0	120
0012351	2 X 1,5	8.0	29.0	81
0012352	3 G 1,5	8,7	43.0	105.3
00123543	4 G 1,5	9,6	58.0	135
00123533	5 G 1,5	10,8	72.0	158.9
0012365	3 G 2,5	10,9	72.0	173.2
00123553	4 G 2,5	11,9	96.0	204
00123663	5 G 2,5	13,2	120.0	254

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](http://www.lappkabel.de/en/cable-standardlengths)



Packaging size: Coil  $\leq$  30 kg and  $\leq$  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.