

**ÖLFLEX® SPIRAL 540 P with angular, isolated ground plug**

Robust spiral cable with high restoring forces and Earth Contact plug

ÖLFLEX® SPIRAL 540 P with right-angled, isolated Earth Contact plug - PUR spiral cable with high restoring forces, halogen-free and oil-resistant power cable

**Info**

Robust

High restoring forces



Suitable for outdoor use



Good chemical resistance



Cold-resistant



Mechanical resistance



Oil-resistant

**Benefits**

Extension lengths of up to 3.5 times the unextended spiral length, high recoiling forces

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

Increased durability under harsh conditions thanks to robust PUR outer sheath

Sheath is 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

**Application range**

Mobile electrical devices and apparatus

Last Update (16.07.2025)

©2025 Lapp Group - Technical changes reserved

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® SPIRAL 540 P with angular, isolated ground plug**

Medical equipment

**Product features**

Good resistance of the outer sheath to cutting and abrasion  
Outer sheath has high resistance to oil, low temperatures, microbes and hydrolysis  
Flexible down to -30 °C  
16-A connector with protection rating IP 20

**Norm references / Approvals**

Plug: DIN VDE 620-1/standard sheet DIN 49441 R2

**Product Make-up**

Cable: ÖLFLEX® SPIRAL 540 P based on ÖLFLEX® 540 P  
Strands of tinned-copper wires  
Core insulation: TPE  
Outer sheath made of special polyurethane  
Length of straight ends: 1<sup>st</sup> end = 200 mm with gated, angular Earth Contact plug, 2<sup>nd</sup> end = 600 mm with 30 mm stripping  
Other solid lengths, end lengths and end forms available on request  
2-pin, angular plug with twin earthed contact system, extruded

**Technical Data**

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spiralized cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000247 ETIM 6.0 Class-Description: Spiralized cable
Core identification code:	HD 308/VDE 0293-308: 3-core with protective conductor
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Nominal voltage:	U0: 250 V AC
Test voltage:	2000 V
Protective conductor:	G = with GN-YE protective conductor
Temperature range:	Flexible use: -30 °C to +50 °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.

1 piece in each polyester bag

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.

Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms (not necessarily VDE-registered) available on request

Please observe the safety information as per DIN VDE 0620-1, Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, appendix E: "Installation only by persons with the relevant electrotechnical expertise and experience!"

**ÖLFLEX® SPIRAL 540 P with angular, isolated ground plug**

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
73220852	3 G 0.75	1000	300	7	24
73220853	3 G 0.75	2000	600	7	24
73220854	3 G 0.75	3500	1000	7	24
73220855	3 G 1.0	1000	300	7.4	29
73220856	3 G 1.0	2000	600	7.4	29
73220863	3 G 1.0	3500	1000	7.4	29
73220860	3 G 1.5	1000	300	8.9	32
73220861	3 G 1.5	2000	600	8.9	32
73220862	3 G 1.5	3500	1000	8.9	32

Last Update (16.07.2025)

©2025 Lapp Group - Technical changes reserved

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