

| | | |
|-------------------|--|--|
| U.I. Lapp GmbH | PRODUCT INFORMATION |  |
| | ÖLFLEX® SPIRAL 540 P with angular, isolated ground plug | 29.11.2013 |

Robust spiral cable with high restoring forces and earthing-type plug
 Extension lengths of up to 3.5 times the unextended spiral length, high recoiling forces
 Safety colour: yellow



Suitable for outdoor use



Good chemical resistance



Cold-resistant



Mechanical resistance



Oil-resistant

Info

Robust
 High restoring forces

Application range

Harsh conditions
 Mechanical engineering
 Construction industry
 Medical equipment
 In damp interiors or outdoors

Design

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: 1st end = 200 mm with moulded angular earthing-type plug, 2nd 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

Norm references / Approvals

Plug: DIN VDE 620-1/standard sheet DIN 49441 R2
 The VDE marking approval (VDE type certification) refers to the connector

Product features

Good resistance of the outer sheath to cutting and abrasion
 High resistance to oil, low temperatures, microbes and hydrolysis
 Special, flame-retardant polyurethane sheath compound
 16-A connector with protection rating IP 20

| | | |
|--------------------|----------------------------|-------|
| Product Management | Document: LAPP_PRO47EN.pdf | 1 / 3 |
|--------------------|----------------------------|-------|

| | | |
|----------------|--|--|
| U.I. Lapp GmbH | PRODUCT INFORMATION |  |
| | ÖLFLEX® SPIRAL 540 P with angular, isolated ground plug | 29.11.2013 |

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

1 piece in each polyester bag

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

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!"

Technical Data

| | |
|---------------------------------|--|
| Core identification code: | HD 308/VDE 0293-308: 3-core with protective conductor |
| Specific insulation resistance: | > 20 GOhm x cm |
| 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 |

| | | |
|--------------------|----------------------------|-------|
| Product Management | Document: LAPP_PRO47EN.pdf | 2 / 3 |
|--------------------|----------------------------|-------|



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

29.11.2013

| Part number | Number of cores and mm² per conductor | Spiral length/ extended (mm) | Spiral length/ unextended (mm) | Cable diameter (mm) | Spiral outer diameter (mm) | Copper index kg/1.000 pieces |
|-------------|---------------------------------------|------------------------------|--------------------------------|---------------------|----------------------------|------------------------------|
| 73220852 | 3 G 0,75 | 1000 | 300 | 7.0 | 24.0 | 70.1 |
| 73220853 | 3 G 0,75 | 2000 | 600 | 7.0 | 24.0 | 122.8 |
| 73220854 | 3 G 0,75 | 3500 | 1000 | 7.0 | 24.0 | 193.2 |
| 73220855 | 3 G 1 | 1000 | 300 | 7.4 | 29.0 | 110.0 |
| 73220856 | 3 G 1 | 2000 | 600 | 7.4 | 29.0 | 196.7 |
| 73220863 | 3 G 1 | 3500 | 1000 | 7.4 | 29.0 | 312.3 |
| 73220860 | 3 G 1,5 | 1000 | 300 | 8.9 | 32.0 | 148.6 |
| 73220861 | 3 G 1,5 | 2000 | 600 | 8.9 | 32.0 | 262.8 |
| 73220862 | 3 G 1,5 | 3500 | 1000 | 8.9 | 32.0 | 415.1 |