



## Robust, VDE-registered connecting cable with DIN/VDE or international plugs

VDE cable registration: LAPP ÖLFLEX® 540 P, sold by the metre and assembled to size; Safety colour: yellow; VDE marking approval/VDE type certification for the straight central plug according to DIN/VDE in the item numbers table

- Available with international plugs
- Safety colour: yellow



## Product description

### Application range

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

### Benefits

- VDE cable registration: LAPP ÖLFLEX® 540 P, sold by the metre and assembled to size
- Safety colour: yellow
- VDE marking approval/VDE type certification for the straight central plug according to DIN/VDE in the item numbers table

### Product Make-up

- Strands of tinned-copper wires
- Core insulation: TPE
- Outer sheath made of special polyurethane
- 1st option for DIN/VDE connector with type certification: 2-core ÖLFLEX® 540 P cable in conjunction with straight, extruded, round, shaped, 16 A/250 Vac-to-ground DIN/VDE central 2-pin attachment contour plug (CEE 7/17) without earthed contact according to DIN VDE 0620-1/DIN 49406-R and with plug protection rating IP 20 as well as with non-contacting hole in the overmould for the round earthing pin of the French plug system type E currently applied in France incl. Corsica, Belgium, Czech Republic, Slovakia, Poland, Morocco, Tunisia, ... for example
- 2nd alternative of DIN/ VDE type certified plug: 3-core ÖLFLEX® 540 P cable incl. green-yellow, protective equipment grounding conductor in conjunction with 3-pole, straight, moulded, splash water protected, central, 16A/ 250Vac-to-ground, isolated ground DIN/ VDE hybrid plug (CEE 7/7 combining the French type E with the German "Schuko" type E) incl. double protection/ earthing contact/ pin system according to DIN VDE 0620-1/ DIN 49441-R2/ DIN 49441-2-AR2 as well as with plug protection type/ category IP 44 and with contacting hole for the round earthing pin of the French plug system type E currently applied in France incl. Corsica, Belgium, Czech Republic, Slovakia, Poland, Morocco, Tunisia, ... for example
- Other end: 30 mm dismantled, with protection sleeves for the ends of the conductor
- Other, international plug versions in conjunction with the cable ÖLFLEX® 540 P on request, for example for Switzerland, Australia, China, Denmark, Italy, United Kingdom, etc....

## Norm references / Approvals

- Cable ÖLFLEX® 540 P: VDE reg. no. 6583 - 300/500 VAC up to 1.0 mm<sup>2</sup>; VDE reg. no. 6584 - 450/750 VAC as from 1.5 mm<sup>2</sup>
- Harnessed 2-pole cable with straight, moulded, central contour plug without protective/earthing contact/pins: Plug type certification and marking licence DIN VDE 0620-1/DIN 49406-R; Harnessed 3-pole cable with straight, moulded, splash water protected, central isolated ground plug with double/outline protection/earthing contact by means of ground pins: Plug type certification and marking licence DIN VDE 0620-1/DIN 49441-R2/DIN 49441-2-AR2 in conjunction with plug protection type/category IP 44

## 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

## Technical Data

Core identification code	According to VDE 0293-308 (table T9)
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U <sub>0</sub> : 250 V AC
Test voltage	Assembly: 2000 V ÖLFLEX® 540 P: 3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor

# ÖLFLEX® PLUG 540 P Connection Cable



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Temperature range

Occasional flexing and fixed installation: -40 °C to +80 °C