

ÖLFLEX® 450 P

Abrasion- and oil-resistant cable for handheld equipment with wear indicator

ÖLFLEX® 450 P - Power cable with oil and abrasion resistant yellow coloured PUR/PVC dual jacket with wear indication for use with handheld equipment

Info

Cost-effective PVC/PUR dual sheath
Integrated wear indicator



Mechanical resistance



Oil-resistant

Benefits

Good cost-benefit ratio

Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media

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

Serious mechanical damages of the yellow outer jacket become visible due to the red inner sheath

Application range

Portable handheld electrical devices such as drills, sanders, jig saws or grinders

Power or extension cord

Portable devices for the home and garden

Under consideration of the temperature range also suitable for outdoor use

Product features

Good oil resistance

Abrasion and notch-resistant

Flame-retardant according IEC 60332-1-2

Low-adhesive surface

Resistant to hydrolysis and microbes

Last Update (07.10.2021)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® 450 P

Norm references / Approvals

Based on VDE 0250 / 0285

Product Make-up

Fine-wire, bare copper conductor
Core insulation: Based on PVC
Cores twisted together
Inner sheath: PVC - colour red
Outer sheath: PUR – colour yellow

Technical Data

| | |
|---------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable |
| Core identification code: | Colours according to VDE 0293-308, refer to Appendix T9 |
| Conductor stranding: | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 3000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°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.

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

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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.

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® 450 P | | | | |
| 0012101 | 2 X 1.0 | 8 | 19.2 | 82 |
| 0012102 | 3 G 1.0 | 8.4 | 29 | 89 |
| 0012202 | 3 G 1.5 | 9.3 | 43 | 120 |
| 00122033 | 4 G 1.5 | 10.1 | 58 | 160 |
| 00122043 | 5 G 1.5 | 10.9 | 72 | 179 |
| 0012302 | 3 G 2.5 | 10.8 | 72 | 186 |
| 00123043 | 5 G 2.5 | 13.6 | 120 | 283 |

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