

ÖLFLEX® 450 P

Abrasion- and oil-resistant cable for handheld equipment with integrated 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



Oil-resistant



Mechanical resistance

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

Outdoor use is possible within the indicated operating temperature range

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Product features

Good oil resistance
Abrasion and notch-resistant
Flame-retardant according IEC 60332-1-2
Low-adhesive surface
Resistant to hydrolysis and microbes

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 5.0 Class-ID: EC001578 ETIM 5.0 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 otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

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

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

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

Photographs 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)
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0012101	2 X 1	8	19.2	82
0012102	3 G 1	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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Product Management www.lappkabel.de

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

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