

ÖLFLEX® 540 CP

Screened, cold-flexible, abrasion- and oil-resistant PUR connection cable for harsh conditions - VDE-registered

ÖLFLEX® 540 CP - PUR power cable, screened, VDE certified outdoor use an constructions sites with yellow jacket colour - cold flexible, abrasion resistant, halogen-free

Info

The proven building site cable
Voltage class from 1.5 mm² 450/750 V
VDE-tested and registered



Interference signals



Oil-resistant



Mechanical resistance



Halogen-free



Suitable for outdoor use



Cold-resistant

Benefits

Increased durability under harsh conditions thanks to robust PUR outer sheath

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

Additional robustness thanks to inner sheath

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

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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® 540 CP

Application range

Connection and extension cables
Construction machinery
Building sites, camp sites, stage applications
Agricultural equipment
For indoor and outdoor use

Product features

Resistant to oil and drilling fluids according to IEC 61892-4, Appendix D
Abrasion and notch-resistant
Halogen-free and flame-retardant
(IEC 60332-1-2)
Flexible down to -40 °C
Resistant to hydrolysis and microbes

Norm references / Approvals

VDE reg. no. 6583 up to 1.0 mm²
VDE reg. no. 6584 from 1.5 mm²

Product Make-up

Fine-wire, tinned-copper conductor
Core insulation: TPE
Cores twisted together
Inner sheath made of TPE
Tinned copper screen braiding
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 (7-cored version number-coded) |
| Conductor stranding: | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius: | Occasional flexing: 12.5 x outer diameter Fixed installation: 6 x outer diameter |
| Nominal voltage: | Up to 1.0 mm ² : U ₀ /U: 300/500 V From 1.5 mm ² : U ₀ /U: 450/750 V |
| Test voltage: | 3000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -40 °C to +90 °C Fixed installation: -50 °C to +90 °C |

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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 \leq 30 kg or \leq 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 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.

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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® 540 CP U ₀ /U: 300/500 V | | | | |
| 0012752 | 2 X 0.75 | 8.2 | 43.9 | 103 |
| 0012753 | 3 G 0.75 | 8.5 | 67.6 | 140 |
| 00127553 | 5 G 0.75 | 10.2 | 75 | 164 |
| 0012757 | 2 X 1 | 8.5 | 65.2 | 138 |
| 0012758 | 3 G 1 | 9.3 | 74.9 | 153 |
| 00127603 | 5 G 1 | 10.8 | 87.2 | 184 |
| 0012761 | 7 G 1 | 12.6 | 138.5 | 281 |
| ÖLFLEX® 540 CP U ₀ /U: 450/750 V | | | | |
| 0012762 | 2 X 1.5 | 10.5 | 67.7 | 159 |
| 0012763 | 3 G 1.5 | 11 | 82.3 | 181 |
| 00127643 | 4 G 1.5 | 12 | 101.8 | 218 |
| 00127653 | 5 G 1.5 | 13.7 | 143.3 | 287 |
| 0012766 | 7 G 1.5 | 16.6 | 195.7 | 394 |
| 0012767 | 2 X 2.5 | 11.9 | 92.4 | 213 |
| 0012768 | 3 G 2.5 | 12.5 | 119 | 263 |
| 00127693 | 4 G 2.5 | 14.2 | 168.2 | 334 |
| 00127703 | 5 G 2.5 | 15.7 | 204.7 | 416 |
| 00127753 | 4 G 4 | 17 | 240.1 | 476 |
| 00127783 | 4 G 6 | 18.4 | 355.5 | 634 |
| 00127793 | 5 G 6 | 20.5 | 452.9 | 770 |
| 00127813 | 4 G 10 | 22.3 | 577.8 | 993 |
| 00127823 | 5 G 10 | 25.3 | 681.2 | 1151 |

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