

## INDUSTRIAL COMPONENT DATA

**0035002 ÖLFLEX CLASSIC 100 CY 3G0,5 LAPP ÖLFLEX CLASSIC 100 CY 300/500V 3G0,5**

Brand: LAPP | Manufacturer Part Number: 0035002



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | LAPP                                          |
| MPN / Reference | 0035002                                       |
| Catalog number  | ÖLFLEX CLASSIC 100 CY 3G0,5                   |
| Category        | Power cable less 1 kV, for moving application |
| Minimum order   | 1 m.                                          |
| Document ID     | EO-70797D83F9                                 |
| Generated       | 2026-08-03                                    |

**Product Overview**

ÖLFLEX CLASSIC 100 CY 300/500V 3G0,5

ÖLFLEX® CLASSIC 100 CY 300/500V

## STRUCTURED PRODUCT DATA

**Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**

Catalog path LAPP &gt; ÖLFLEX PVC, coloured cores, screened

**Additional Product Information**

ÖLFLEX® CLASSIC 100 CY 300/500V - flexible PVC cable, colour coded and screened, control cable for various applications

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

EMC-compliant

For nominal voltage U0/U: 450/750V or higher conductor cross-sections see ÖLFLEX® CLASSIC 100 CY 450/750V

Benefits

Space-saving installation due to small cable diameters

High electrical performance due to 4 kV test voltage

Shielding against electromagnetic fields

Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Conveyor and transport systems

Servo drives

In EMC-sensitive environments

(electromagnetic compatibility)

Product features

Flame-retardant according IEC 60332-1-2

Good chemical resistance, see catalogue appendix T1

High degree of screening

low transfer impedance

(max. 250  $\Omega$ /km at 30 MHz)

Norm references / Approvals

Based on EN 50525-2-51

Based on EN 50525-2-11

Product Make-up

Fine-wire strand made of bare copper wires

PVC insulation LAPP P8/1

Cores twisted in layers

PVC inner sheath, grey

Tinned-copper braiding

PVC outer sheath, transparent

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

Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9

From 6 cores: ÖLFLEX® colour code, refer to Appendix T7

Conductor stranding

Fine wire according to VDE 0295,

class 5/l...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0035002 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.