

## INDUSTRIAL COMPONENT DATA

## 0012505 ÖLFLEX EB 12G1,5 LAPP ÖLFLEX EB 12G1,5

Brand: LAPP | Manufacturer Part Number: 0012505



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | LAPP                                          |
| MPN / Reference | 0012505                                       |
| Catalog number  | ÖLFLEX EB 12G1,5                              |
| Category        | Power cable less 1 kV, for moving application |
| Minimum order   | 1 m.                                          |
| Document ID     | EO-99EDE1AAAD                                 |
| Generated       | 2026-08-04                                    |

## Product Overview

ÖLFLEX EB 12G1,5

ÖLFLEX® EB

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

Catalog path LAPP &gt; Control cables for special applications

## Additional Product Information

ÖLFLEX® EB - PVC control cable, flexible and numbered, with blue outer sheath for intrinsically-safe circuits, U0/U:  
300/500V

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

For use within intrinsically safe circuits - type of protection 'i'

UV and weather-resistant according to ISO 4892-2

## Benefits

Space-saving installation due to small cable diameters

Suitable for outdoor applications

## Application range

For intrinsically safe circuits (type of protection i - intrinsic safety) according to IEC 60079-14:2013 / EN 60079-14:2014 /  
VDE 0165-1:2014, section 16.2.2

## Product features

UV and weather-resistant according to ISO 4892-2

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

Based on EN 50525-2-51

Product Make-up

Fine-wire strand made of bare copper wires

PVC insulation LAPP P8/1

Cores twisted in layers

Outer sheath: PVC, sky blue similar to RAL 5015

Classification ETIM 5

ETIM 5.0 Class-ID: EC000104

ETIM 5.0 Class-Description: Control cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000104

ETIM 6.0 Class-Description: Control cable

Core identification code

Black with white numbers acc. to VDE 0293-334

Mutual capacitance

Core/core approx. 140 nF/km

Inductivity

approx. 0.52 mH/km

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

Core/core: 3000 V

Temperature range

Occasional flexing:...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0012505 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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