

INDUSTRIAL COMPONENT DATA

00160453 ÖLFLEX CLASSIC 100 SY 5G1 LAPP ÖLFLEX CLASSIC 100 SY 5G1

Brand: LAPP | Manufacturer Part Number: 00160453



Manufacturer	LAPP
MPN / Reference	00160453
Catalog number	ÖLFLEX CLASSIC 100 SY 5G1
Category	Power cable less 1 kV, for moving application
Minimum order	1 m.
Document ID	EO-AC825522B9
Generated	2026-08-04

Product Overview

ÖLFLEX CLASSIC 100 SY 5G1

ÖLFLEX® CLASSIC 100 SY

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > ÖLFLEX PVC, coloured cores, screened

Additional Product Information

ÖLFLEX® CLASSIC 100 SY - flexible PVC cable, colour coded with steel wire braid, power and control cable for various applications

CPR: Article number choice under www.lappkabel.com/cpr

Steel wire braiding for extra mechanical protection

Benefits

Extra mechanical protection due to braided steel wire

Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Areas with high mechanical stress

Product features

Flame-retardant according IEC 60332-1-2

Good chemical resistance, see catalogue appendix T1

Norm references / Approvals

Based on IEC 60227-5 and EN 50525-2-51

Product Make-up

Fine-wire strand made of bare copper wires

PVC insulation LAPP P8/1

Cores twisted in layers

PVC inner sheath, grey

Braid of galvanized steel wires

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/IEC 60228 class 5

Minimum bending radius

Occasional flexing: 20 x outer diameter

Fixed installation: 6 x outer diameter

Nominal voltage

Up to 1.5 mm²: U0/U: 300/500 V

From 2.5 mm²: U0/U: 450/750 V

From 2.5 mm², in the case of fixed and protected installations: U0/U: 600/1000 V

Test voltage

4000 V....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 00160453 with the required quantity to info@electricaonline.com or use 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

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.