

INDUSTRIAL COMPONENT DATA

0032305 UNITRONIC LiYCY CY 5x0,25 LAPP UNITRONIC LiYCY CY 5x0,25

Brand: LAPP | Manufacturer Part Number: 0032305



Manufacturer	LAPP
MPN / Reference	0032305
Catalog number	UNITRONIC LiYCY CY 5x0,25
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-CCDEA7A66B
Generated	2026-08-05

Product Overview

UNITRONIC LiYCY CY 5x0,25

UNITRONIC® LiYCY-CY

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path LAPP > flexible data cable transfer from special cable

Additional Product Information

UNITRONIC® LiYCY-CY: Low-frequency PVC data cable, DIN 47100 color coded, Single-core screen, Overall screen, Flexible, Flame retardant, Instrumentation Control

Benefits

Overall braid minimises electrical interference

Individually screened cores minimise crosstalk between cables routed in parallel

Application range

When a lossless transmission of data has to be guaranteed in fields with strong interference, cables with individually-screened cores and an additional overall screening are used

Dry or damp rooms

Product features

Wire-screen can be used as outer conductor

The cable remains flexible despite multiple screening

Flame-retardant according IEC 60332-1-2

Norm references / Approvals

Based on VDE 0812

Product Make-up

Fine-wire strand made of bare copper wires

Core insulation made of PVC

Tinned-copper braiding for each core

Inner sheath made of PVC over each screened core

Tinned-copper braiding

Outer sheath made of PVC

Outer sheath colour: grey (similar to pebble grey/ RAL 7032)

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

DIN 47100, refer to Appendix T9

Mutual capacitance

Approx. 230 nF/km

Inductivity

Approx. 0.2 mH/km

Conductor stranding

Stranded conductor, fine-wire

Minimum bending radius

Occasional flexing: 15 x outer diameter

Fixed installation: 7.5 x outer diameter

Temperature range

Occasional flexing: -5°...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0032305 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.