

**INDUSTRIAL COMPONENT DATA**

# 0031048 UNITRONIC 100 CY 3x0,34 LAPP Screened control and signal cable with small cross-sections

Brand: LAPP | Manufacturer Part Number: 0031048



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | LAPP                         |
| MPN / Reference | 0031048                      |
| Catalog number  | UNITRONIC 100 CY 3x0,34      |
| Category        | Data and communication cable |
| Minimum order   | 1 m.                         |
| Document ID     | EO-F54DA74619                |
| Generated       | 2026-08-04                   |

## Product Overview

UNITRONIC 100 CY 3x0,34

UNITRONIC® 100 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 &gt; flexible data cable transfer from special cable

## Additional Product Information

UNITRONIC® 100 CY: Low-frequency PVC data cable, LAPP UNITRONIC® core identification code, Screened, Grey, Flame retardant, For various applications

**Application range**

These control and signal cables are used in the milliampere range for computer systems, electronic control equipment, office machines, balances etc. and wherever the thinnest possible control cables are required.

**Product features**

Robust, flexible and resistant outer sheath

Small outer diameter despite high number of cores

Cable similar to UNITRONIC® 100, but with copper braiding

Flame-retardant according IEC 60332-1-2

3 cores with earth wire (green-yellow)

2 cores (black/blue)

Norm references / Approvals

Based on: VDE 0814 or VDE 0812

**Product Make-up**

Fine-wire/multi-wire (0.34 mm<sup>2</sup>) strand made of bare copper wires

Core insulation made of PVC

Inner sheath made of PVC

For the cross section of 0.14 mm<sup>2</sup>, a polyester tape is used underneath the screen braiding instead of the inner sheath.

Tinned-copper braiding

Outer sheath made of PVC

Outer sheath colour: grey (RAL 7001)

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

Refer to Appendix T7 for the

UNITRONIC® colour codes

Mutual capacitance

Approx. 120 nF/km

Inductivity

approx. 0.7 mH/km

Conductor stranding

Stranded, fine-wire

0.34 mm<sup>2</sup>: 7-wire

Minimum bending radius

Occasional flexing: 20 x outer diameter

Fix...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send LAPP / 0031048 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**

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