

**INDUSTRIAL COMPONENT DATA**

# 0027412 UNITRONIC FD CY 4x0,14 LAPP UNITRONIC FD CY 4x0,14

Brand: LAPP | Manufacturer Part Number: 0027412



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | LAPP                         |
| MPN / Reference | 0027412                      |
| Catalog number  | UNITRONIC FD CY 4x0,14       |
| Category        | Data and communication cable |
| Minimum order   | 1 m.                         |
| Document ID     | EO-266E0C9674                |
| Generated       | 2026-08-02                   |

## Product Overview

UNITRONIC FD CY 4x0,14  
UNITRONIC® FD 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® FD CY: Low-frequency PVC data cable, highly flexible/ extra-finely wired, drag/ energy chain, constant flexing/ bending, screened, flame retardant

**Benefits**

Well-proven and reliable

Optimized cable construction for power chain use

Cost-effective solution

Overall braid minimises electrical interference

**Application range**

Automated production processes require data transmission cables that offer high flexibility and durability, as well as excellent screening

Suitable for use in measuring, control and regulating circuits

Assembly lines, production lines, in all kinds of machines

**Product features**

Low-adhesive surface  
Flame-retardant according IEC 60332-1-2  
Designed for 2 up to 8 million bending/unbending cycles in power chain applications  
Norm references / Approvals  
Based on VDE 0812  
For travel distances up to 10 m  
For use in power chains: Please comply with assembly guideline Appendix T3  
Product Make-up  
Extra-fine wire strand made of bare copper wires  
Core insulation made of PVC  
Non-woven wrapping  
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  
DIN 47100, refer to Appendix T9  
Mutual capacitance  
C/C approx. 110 nF/km  
C/S: approx. 110 nF/km  
Inductivity  
approx. 0.65 mH/km  
Conductor stranding  
Stranded, extra-fine wire  
Minimum bendi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0027412 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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