

**INDUSTRIAL COMPONENT DATA**

# 2170831 UNITRONIC BUS ASI FD (TPE) A 2X1,5 BK LAPP

## UNITRONIC BUS ASI FD (TPE) A 2X1,5 BK

Brand: LAPP | Manufacturer Part Number: 2170831

|                                                                                   |                 |                                       |
|-----------------------------------------------------------------------------------|-----------------|---------------------------------------|
|  | Manufacturer    | LAPP                                  |
|                                                                                   | MPN / Reference | 2170831                               |
|                                                                                   | Catalog number  | UNITRONIC BUS ASI FD (TPE) A 2X1,5 BK |
|                                                                                   | Category        | Data and communication cable          |
|                                                                                   | Minimum order   | 1 m.                                  |
|                                                                                   | Document ID     | EO-ADDDE2CAB6                         |
|                                                                                   | Generated       | 2026-08-04                            |

### Product Overview

UNITRONIC BUS ASI FD (TPE) A 2X1,5 BK

UNITRONIC® BUS ASI FD

**STRUCTURED PRODUCT DATA**

### Technical Specifications

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

### Classification & Catalog Path

|              |                              |
|--------------|------------------------------|
| Catalog path | LAPP > UNITRONIC BUS cabling |
|--------------|------------------------------|

### Additional Product Information

Communication at sensor/actuator level. Halogen free (PUR), UL-approval, oil resistant (TPE). Temperature range from -40°C bis +105°C (TPE)

"FD" = suitable for power chains

"LD" = Long Distance

Benefits

The new BUS ASI LD 2 x 2.5 (Long Distance) allows even modules located further away to be connected.

AS-I power supplies can be reduced. The BUS ASI LD is downwards-compatible with version 1.5.

For highly flexible applications (power chains, moving machine parts)

High oil-resistance

Application range

Communication at sensor/actuator level

Sensor-/actuator wiring

Product features

PUR versions are halogen-free according to IEC 60754-1

Flame-retardant according to IEC 60332-1-2, UL FT-2 flame test

Data and power are transmitted via an unscreened, geometrically coded two-core flat cable (protection against polarity reversal).

The conductor is contacted by "piercing technology" within the ASI modules.

The sensors are connected to the ASI modules (coupling modules) using round cables (connection cables).

Norm references / Approvals

ASI is standardised Europe-wide in EN 50295 and internationally in IEC 62026-2.

TPE variant: UL AWM Style 2103

CSA AWM II A/B

Product Make-up

Extra-fine wire, tinned copper strands

core insulation: halogen-free compound

Outer sheath:

TPE

PUR

Outer sheath: yellow (RAL 1023), black (RAL 9005)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class-Description: Data cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000830

ETIM 6.0 Class-Description:...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 2170831 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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