# EPIC® DATA CCR FA

Cable coupler round

**Info**

- Cable coupler round class $F_A$
- Installation without tools

## Product features

- Field mountable cable coupler for data cables up to Cat.$7_A$
- Compact, round design
- Qualified for 10 Gigabit Ethernet
- Suitable for use in industrial applications
- Robust and vibrations- resistant
- Housing: zinc die-casting, grey
- Insulation displacement contacts for conductor diameter of AWG24/7 - AWG22/7 and AWG24/1 - AWG22/1; max. outer diameter 9,7 mm

## Norm references / Approvals

- Compliance to class $F_A$ up to 1000 MHz in connection with Cat.$7_A$ cables
- Data transmission is conform to category Cat.$7_A$ acc. to ISO/IEC 11801

## Technical data

ETIM 5.0 Class-ID: EC000371
ETIM 5.0 Class-Description: Telecommunication terminal strip

**Protection rating**
IP 67

**Ambient temperature (operation)**
Plug/socket -40°C to +85°C

| Article number | Article designation |
|---|---|
| **EPIC® DATA CCR FA** | |
| 21700623 | EPIC® DATA CCR FA |

Photographs are not to scale and do not represent detailed images of the respective products.

Data communication systems for ETHERNET technology
LAPP GROUP

Ethernet cable for structured building cabling • Cables for fixed installation

# UNITRONIC® LAN 200 - Cat.5e

Fixed installation


## Benefits

- LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801

## Application range

- Mainly used where the terminal density is very high, e.g. for wiring office, administration and development buildings in the tertiary area (floor wiring).
- Cable length in tertiary area (horizontal area, floor) should not exceed a length of 100 m in accordance with the ISO/IEC 11801 and EN 50173 standards (90 m in cable duct + 10 m in working area)

## Product features

- Transfer of digital and analogue data signals
- IEEE 802.3: 10/100/1000Base-T
  IEEE 802.5: ISDN; FDDI; ATM

## Norm references / Approvals

- LAN CAT.5e cables from Lapp Kabel for "Structured Cabling Systems" meet the requirements in accordance with EIA/TIA-568 and TSB36, as well as ISO/IEC 11801 or EN 50173 (Class D).

## Technical data

ETIM 5.0 Class-ID: EC000830
ETIM 5.0 Class-Description: Data cable

**Minimum bending radius**
during installation: 8 x outer diameter
Fixed installation: 4 x outer diameter

**Characteristic impedance**
100 Ohm +- 15%

**Temperature range**
Operating temperature: -20°C to +60°C
During installation: 0 °C to +50 °C

## Product Make-up

- Solid conductor
- U/UTP: no overall or pair shielding
- F/UTP: foil screening as overall screening
- SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening
- Outer sheath either as PVC or LSZH (color grey RAL 7035)

| Article number | Article designation | Number of pairs and AWG per conductor | Max. outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|---|---|---|---|---|---|
| **PVC version** | | | | | |
| 2170125 | 200 U/UTP Cat.5e | 4 x 2 x AWG24/1 | 5.6 | 17 | 33 |
| 2170126 | 200 F/UTP Cat.5e | 4 x 2 x AWG24/1 | 6.4 | 18 | 39 |
| 2170128 | 200 SF/UTP Cat.5e | 4 x 2 x AWG24/1 | 6.7 | 32 | 49 |
| **Halogen-free versions** | | | | | |
| 2170173 | 200 U/UTP Cat.5e LSZH | 4 x 2 x AWG24/1 | 5.6 | 17 | 33 |
| 2170138 | 200 SF/UTP Cat.5e LSZH | 4 x 2 x AWG24/1 | 6.7 | 32 | 49 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil 100 m; Drum (500; 1000) m
Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.
Photographs are not to scale and do not represent detailed images of the respective products.