

## ETHERLINE® P Flex Cat.5e M12

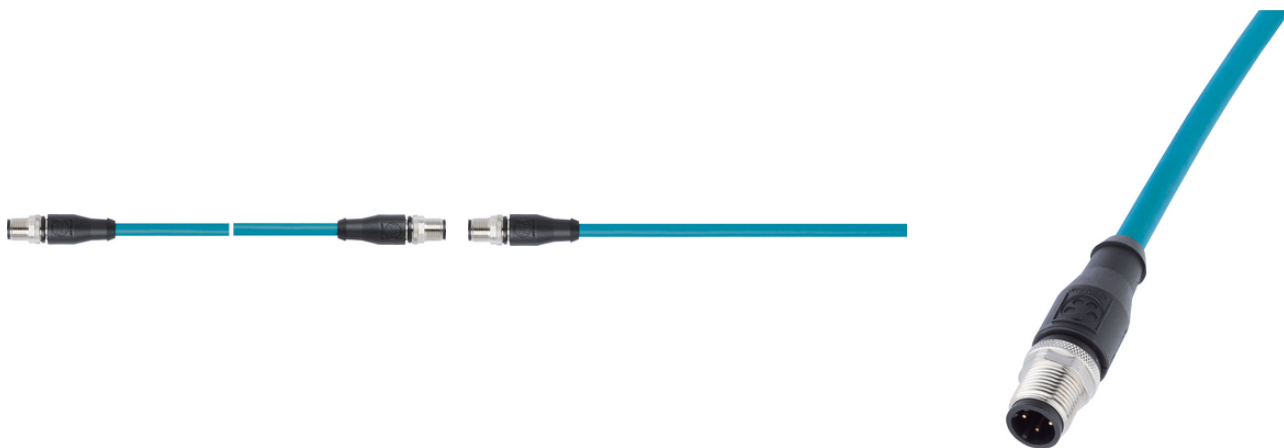
Industrial Ethernet Patchcord M12

Industrial Ethernet Patchcord, Cat.5e, plug M12, D-coded, PUR, flexible

### Info

Halogen-free and flame-retardant

Additional variants are available at  
[www.lappgroup.com/assemblyfinder](http://www.lappgroup.com/assemblyfinder)  
or on request.



EtherCAT



Supplementary automation components from Lapp



Mechanical and plant engineering



Halogen-free



Mechanical resistance



Assembly time



Interference signals



Waterproof

### Benefits

Non-permanent connections allow for easy change of equipment  
For directly connecting two electric components

Last Update (15.05.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ETHERLINE® P Flex Cat.5e M12

### Application range

suitable for EtherCAT and EtherNet/IP applications  
Suitable for use in industrial applications  
For indoor use  
For flexible applications

### Product features

Meets the requirements according to Cat. 5e and class D  
2pair: 10/100 Mbit/s for Industrial Ethernet

### Product Make-up

Braided conductor, 2x2x AWG26/7  
Twisted pair construction permits largely interference-free operation (decoupling).  
Overall screening with copper braid and plastic-laminated aluminium foil  
Outer sheath made of PUR  
Colour: water blue (similar to RAL 5021)  
Pre-assembled connection and patch cable with M12 D-coded connectors with vibration protection

### Technical Data

|                         |  |
|-------------------------|--|
| Classification ETIM 5:  | ETIM 5.0 Class-ID: EC002599<br>ETIM 5.0 Class-Description: Patch cord copper (twisted pair) industry |
| Classification ETIM 6:  | ETIM 6.0 Class-ID: EC002599<br>ETIM 6.0 Class-Description: Patch cord copper (twisted pair) industry |
| Minimum bending radius: | Flexing: 15 x outer diameter<br>Fixed installation: 8 x outer diameter                               |
| Protection rating:      | IP69   |
| Temperature range:      | Flexing: -5 °C to +50 °C (UL: +80 °C)<br>Fixed installation: -30 °C to +80 °C                        |

### Note

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.

Other lengths and types of connectors are available upon request.

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ETHERLINE® P Flex Cat.5e M12**

| Article number                          | Article designation            | Length (m) | Copper index kg/1.000 pieces |
|---|--------------------------------|------------|------------------------------|
| straight plug M12 on straight plug M12  |                                |            |                              |
| 2171097                                 | IE-5-M12D-S-1-P-2-26-7-M12D-S  | 1          | 19                           |
| 2171098                                 | IE-5-M12D-S-2-P-2-26-7-M12D-S  | 2          | 38                           |
| 2171099                                 | IE-5-M12D-S-3-P-2-26-7-M12D-S  | 3          | 57                           |
| 2171100                                 | IE-5-M12D-S-5-P-2-26-7-M12D-S  | 5          | 95                           |
| 2171101                                 | IE-5-M12D-S-10-P-2-26-7-M12D-S | 10         | 190                          |
| 2171102                                 | IE-5-M12D-S-20-P-2-26-7-M12D-S | 20         | 380                          |
| straight plug M12 on free conductor end |                                |            |                              |
| 2171103                                 | IE-5-M12D-S-1-P-2-26-7-OE      | 1          | 19                           |
| 2171104                                 | IE-5-M12D-S-2-P-2-26-7-OE      | 2          | 38                           |
| 2171105                                 | IE-5-M12D-S-3-P-2-26-7-OE      | 3          | 57                           |
| 2171106                                 | IE-5-M12D-S-5-P-2-26-7-OE      | 5          | 95                           |
| 2171107                                 | IE-5-M12D-S-10-P-2-26-7-OE     | 10         | 190                          |
| 2171108                                 | IE-5-M12D-S-20-P-2-26-7-OE     | 20         | 380                          |

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