

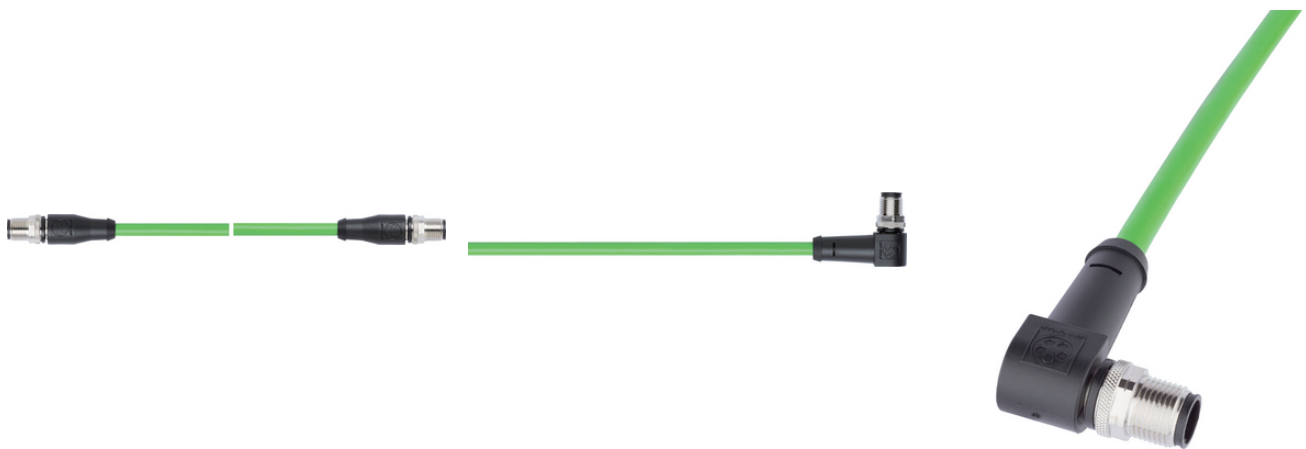
## ETHERLINE® PN FD Cat.5 M12









PROFINET Patchcord M12

Industrial Ethernet Profinet Type C, Patchcord M12/M12, D-code, straight or angled, PUR  
UL- approval  
Cat.5 2pair

### Info

Based on 2170894  
Additional variants are available at  
[www.lappgroup.com/assemblyfinder](http://www.lappgroup.com/assemblyfinder)  
or on request.



-  Supplementary automation components from Lapp
-  Mechanical and plant engineering
-  Halogen-free
-  Mechanical resistance
-  Assembly time
-  Power chain
-  Interference signals
-  Waterproof

Last Update (28.04.2024)

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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® PN FD Cat.5 M12

### Benefits

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

### Application range

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

### Product features

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

### Norm references / Approvals

The cable is UL/CSA-certified (CMX)  
UL File Number: E249137

### Product Make-up

Braided conductor, 2x2x AWG22/7  
Star quad  
Overall screening with copper braid and plastic-laminated aluminium foil  
Outer sheath made of PUR  
Colour: green (based on RAL 6018)  
Pre-assembled connection and patch cable with M12 D-coded connectors with vibration protection  
4 pole M12 connector with vibration protection

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC002599 ETIM 5.0 Class-Description: Patch cord copper (twisted pair) industry
Classification ETIM 6:	ETIM 6.0 Class-ID: EC002599 ETIM 6.0 Class-Description: Patch cord copper (twisted pair) industry
Minimum bending radius:	Moved: 10 x outer diameter
Protection rating:	IP69
Temperature range:	Flexing: -20 °C to +60 °C Fixed installation: -30 °C to +70 °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® PN FD Cat.5 M12**

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
2171049	IE-PNC-5-M12D-S-1-P-2-22-FD-M12D-S	1	31.3
2171050	IE-PNC-5-M12D-S-2-P-2-22-FD-M12D-S	2	62.6
2171051	IE-PNC-5-M12D-S-3-P-2-22-FD-M12D-S	3	93.9
2171052	IE-PNC-5-M12D-S-5-P-2-22-FD-M12D-S	5	156.5
2171053	IE-PNC-5-M12D-S-10-P-2-22-FD-M12D-S	10	313
2171054	IE-PNC-5-M12D-S-20-P-2-22-FD-M12D-S	20	626
2171061	IE-PNC-5-M12D-A-1-P-2-22-FD-M12D-S	1	31.3
2171062	IE-PNC-5-M12D-A-2-P-2-22-FD-M12D-S	2	62.6
2171063	IE-PNC-5-M12D-A-3-P-2-22-FD-M12D-S	3	93.9
2171064	IE-PNC-5-M12D-A-5-P-2-22-FD-M12D-S	5	156.5
2171065	IE-PNC-5-M12D-A-10-P-2-22-FD-M12D-S	10	313
2171066	IE-PNC-5-M12D-A-20-P-2-22-FD-M12D-S	20	626
2171055	IE-PNC-5-M12D-S-1-P-2-22-FD-OE	1	31.3
2171056	IE-PNC-5-M12D-S-2-P-2-22-FD-OE	2	62.6
2171057	IE-PNC-5-M12D-S-3-P-2-22-FD-OE	3	93.9
2171058	IE-PNC-5-M12D-S-5-P-2-22-FD-OE	5	156.5
2171059	IE-PNC-5-M12D-S-10-P-2-22-FD-OE	10	313
2171060	IE-PNC-5-M12D-S-20-P-2-22-FD-OE	20	626
2171067	IE-PNC-5-M12D-A-1-P-2-22-FD-OE	1	31.3
2171068	IE-PNC-5-M12D-A-2-P-2-22-FD-OE	2	62.6
2171069	IE-PNC-5-M12D-A-3-P-2-22-FD-OE	3	93.9
2171070	IE-PNC-5-M12D-A-5-P-2-22-FD-OE	5	156.5
2171071	IE-PNC-5-M12D-A-10-P-2-22-FD-OE	10	313
2171072	IE-PNC-5-M12D-A-20-P-2-22-FD-OE	20	626

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