

## ETHERLINE® PN Cat.5 RJ45

PROFINET Patchcord RJ45

Industrial Ethernet Patchcord, Profinet Type A, Cat.5, plug RJ45, PVC

### Info

Based on 2170893

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



Mechanical resistance



Assembly time



Interference signals

### Benefits

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

### Application range

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

Last Update (12.05.2024)

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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® PN Cat.5 RJ45

### 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 (CMG)

### Product Make-up

Solid conductor, 2x2x AWG22/1  
Star quad  
Overall screening with copper braid and plastic-laminated aluminium foil  
Outer sheath made of PVC  
Colour: green (based on RAL 6018)  
pre-assembled patchcord with RJ45 connectors

### 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:	During installation: 15 x outer diameter Fixed installation: 10 x outer diameter
Protection rating:	IP20
Temperature range:	During installation: -20 °C to +60 °C Fixed installation: -40 °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.

For detailed technical information please refer to the data sheet

**ETHERLINE® PN Cat.5 RJ45**

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug RJ45 on straight plug RJ45			
2171178	IE-PNA-5-RJ45-0,5-Y-2-22-1-RJ45	0.5	15.2
2171179	IE-PNA-5-RJ45-1-Y-2-22-1-RJ45	1	30.4
2171180	IE-PNA-5-RJ45-2-Y-2-22-1-RJ45	2	60.8
2171181	IE-PNA-5-RJ45-3-Y-2-22-1-RJ45	3	91.2
2171182	IE-PNA-5-RJ45-5-Y-2-22-1-RJ45	5	152
2171183	IE-PNA-5-RJ45-10-Y-2-22-1-RJ45	10	304
2171184	IE-PNA-5-RJ45-20-Y-2-22-1-RJ45	20	608
straight plug RJ45 on free conductor end			
2171185	IE-PNA-5-RJ45-0,5-Y-2-22-1-OE	0.5	15.2
2171186	IE-PNA-5-RJ45-1-Y-2-22-1-OE	1	30.4
2171187	IE-PNA-5-RJ45-2-Y-2-22-1-OE	2	60.8
2171188	IE-PNA-5-RJ45-3-Y-2-22-1-OE	3	91.2
2171189	IE-PNA-5-RJ45-5-Y-2-22-1-OE	5	152
2171190	IE-PNA-5-RJ45-10-Y-2-22-1-OE	10	304
2171191	IE-PNA-5-RJ45-20-Y-2-22-1-OE	20	608

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