ETHERLINE® PN Flex Cat.5 RJ45

PROFINET Patchcord RJ45

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

Info

Based on 2170886
Additional variants are available at
www.lapp.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

Flexible use
suitable for EtherCAT and EtherNet/IP applications
For communication between SIEMENS® SINAMICS control units (PLC) of servo drive systems.
For indoor use

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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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
Braided conductor, 2x2x AWG22/7
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:	IP 20
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

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PRODUCT INFORMATION

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug RJ45 on straight plug RJ45			
2171228	IE-PNB-5-RJ45-0,5-Y-2-22-7-RJ45	0.5	15.65
2171229	IE-PNB-5-RJ45-1-Y-2-22-7-RJ45	1	31.3
2171230	IE-PNB-5-RJ45-2-Y-2-22-7-RJ45	2	62.6
2171231	IE-PNB-5-RJ45-3-Y-2-22-7-RJ45	3	93.9
2171232	IE-PNB-5-RJ45-5-Y-2-22-7-RJ45	5	156.5
2171233	IE-PNB-5-RJ45-10-Y-2-22-7-RJ45	10	313
2171234	IE-PNB-5-RJ45-20-Y-2-22-7-RJ45	20	626
straight plug RJ45 on free conductor end			
2171235	IE-PNB-5-RJ45-0,5-Y-2-22-7-OE	0.5	15.65
2171236	IE-PNB-5-RJ45-1-Y-2-22-7-OE	1	31.3
2171237	IE-PNB-5-RJ45-2-Y-2-22-7-OE	2	62.6
2171238	IE-PNB-5-RJ45-3-Y-2-22-7-OE	3	93.9
2171239	IE-PNB-5-RJ45-5-Y-2-22-7-OE	5	156.5
2171240	IE-PNB-5-RJ45-10-Y-2-22-7-OE	10	313
2171241	IE-PNB-5-RJ45-20-Y-2-22-7-OE	20	626

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