ETHERLINE® P Flex Cat.5e RJ45

Industrial Ethernet Patchcord RJ45

Industrial Ethernet Patchcord, Cat.5e, plug RJ45, PUR, flexible, 2- or 4-pair

Info

Halogen-free and flame-retardant
Additional variants are available at
www.lapp.com/assemblyfinder
or on request.

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

Benefits

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

Application range

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

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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

ETHERLINE® P Flex Cat.5e RJ45

For indoor use
For flexible applications
Automation technology

Product features

Meets the requirements according to Cat. 5e and class D
2pair: 10/100 Mbit/s for Industrial Ethernet
4pair: 10/100/1000 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 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:	Flexing: 15 x outer diameter Fixed installation: 8 x outer diameter
Protection rating:	IP20
Temperature range:	Flexing: -5 °C to +50 °C (UL: +80 °C) 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.

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PRODUCT INFORMATION

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Article number	Length (m)
2-pair: straight plug RJ45 on straight plug RJ45	
2171124	0.5
2171115	1
2171116	2
2171117	3
2171118	5
2171119	10
2171120	20

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