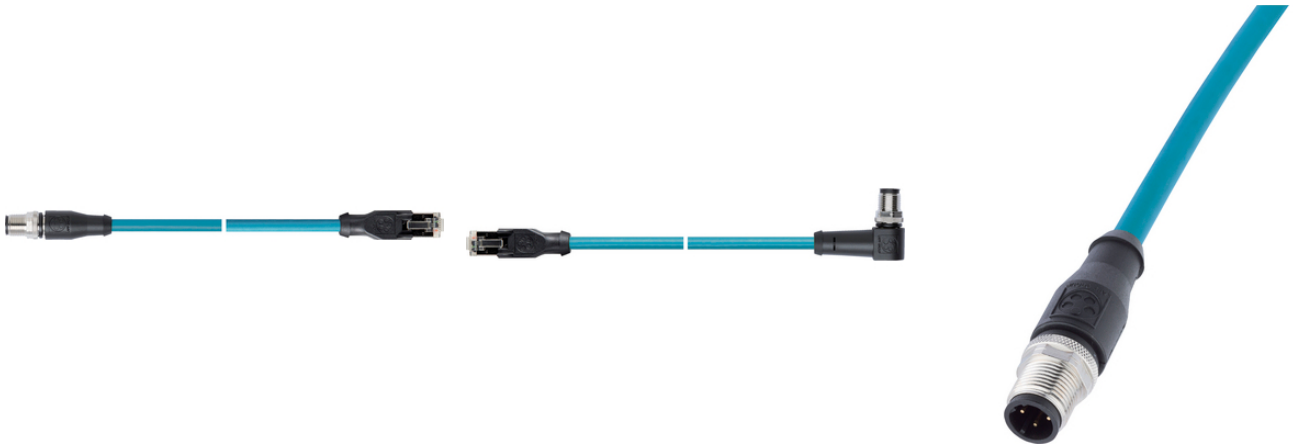
ETHERLINE® P Flex Cat.5e M12-RJ45

Industrial Ethernet Patchcord M12/RJ45

Industrial Ethernet Patchcord, Cat.5e, plug M12 on plug RJ45, PUR, flexible

Info

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



- 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

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

ETHERLINE® P Flex Cat.5e M12-RJ45

Application range

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

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 patchcords with D-coded M12 connector and RJ45-connector
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:	Flexing: 15 x outer diameter Fixed installation: 8 x outer diameter
Protection rating:	M12 - IP69 RJ45 - 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

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug M12 on straight plug RJ45			
2171109	IE-5-M12D-S-1-P-2-26-7-RJ45	1	19
2171110	IE-5-M12D-S-2-P-2-26-7-RJ45	2	38
2171111	IE-5-M12D-S-3-P-2-26-7-RJ45	3	57
2171112	IE-5-M12D-S-5-P-2-26-7-RJ45	5	95
2171113	IE-5-M12D-S-10-P-2-26-7-RJ45	10	190
2171114	IE-5-M12D-S-20-P-2-26-7-RJ45	20	380
angled plug M12 on straight plug RJ45			
2171887	IE-5-M12D-A-1-P-2-26-7-RJ45	1	19
2171888	IE-5-M12D-A-2-P-2-26-7-RJ45	2	38
2171889	IE-5-M12D-A-3-P-2-26-7-RJ45	3	57
2171890	IE-5-M12D-A-5-P-2-26-7-RJ45	5	95
2171892	IE-5-M12D-A-10-P-2-26-7-RJ45	10	190
2171894	IE-5-M12D-A-20-P-2-26-7-RJ45	20	380

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