

PRODUCT INFORMATION

ETHERLINE® PN FD Cat.5 M12-RJ45

PROFINET Patchcord M12/RJ45

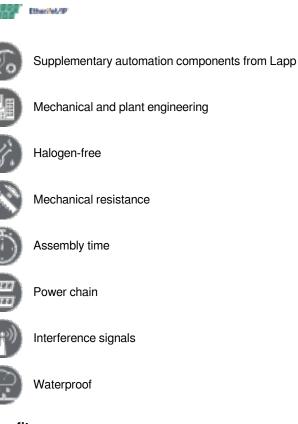
Industrial Ethernet Patchcord, Profinet Type C, Cat.5, plug M12 on plug RJ45, PUR, for drag chain

Info

Based on 2170894 Additional variants are available at www.lappgroup.com/assemblyfinder or on request.







Benefits
Non-permanent connections allow for easy change of equipment

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For directly connecting two electric components

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)

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 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: 8 x outer diameter
Protection rating:	M12 - IP69 RJ45 - IP20
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.

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Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug M12 on str	aight plug RJ45		
Article number straight plug M12 on str 2171264 2171265 2171266 2171266 2171267 2171268 2171268 2171269 2171270 angled plug M12 on stra	IE-PNC-5-M12D-S-0,5-P-2-22-FD-RJ45	0.5	15.65
ິ 2171265	IE-PNC-5-M12D-S-1-P-2-22-FD-RJ45	1	31.3
2171266	IE-PNC-5-M12D-S-2-P-2-22-FD-RJ45	2	62.6
2171267	IE-PNC-5-M12D-S-3-P-2-22-FD-RJ45	3	93.9
<u>6</u> 2171268	IE-PNC-5-M12D-S-5-P-2-22-FD-RJ45	5	156.5
2171269	IE-PNC-5-M12D-S-10-P-2-22-FD-RJ45	10	313
2171270	IE-PNC-5-M12D-S-20-P-2-22-FD-RJ45	20	626
angled plug M12 on stra	ight plug RJ45		
2171271	IE-PNC-5-M12D-A-0,5-P-2-22-FD-RJ45	0.5	15.65
2171272	IE-PNC-5-M12D-A-1-P-2-22-FD-RJ45	1	31.3
2171273	IE-PNC-5-M12D-A-2-P-2-22-FD-RJ45	2	62.6
2171274	IE-PNC-5-M12D-A-3-P-2-22-FD-RJ45	3	93.9
2171275	IE-PNC-5-M12D-A-5-P-2-22-FD-RJ45	5	156.5
2171276	IE-PNC-5-M12D-A-10-P-2-22-FD-RJ45	10	313
2171277	IE-PNC-5-M12D-A-20-P-2-22-FD-RJ45	20	626

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