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.



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

Benefits
Non-permanent connections allow for easy change of equipment

Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

ETHERLINE® PN FD Cat.5 M12-RJ45

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.

Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

LAPP

ETHERLINE® PN FD Cat.5 M12-RJ45

PRODUCT INFORMATION

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug M12 on straight plug RJ45			
2171264	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
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 straight 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

Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

ETHERLINE® PN FD Cat.5 M12-RJ45



Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16