

ETHERLINE® EC FD Cat.5e M8

Industrial Ethernet EC Patchcord M8

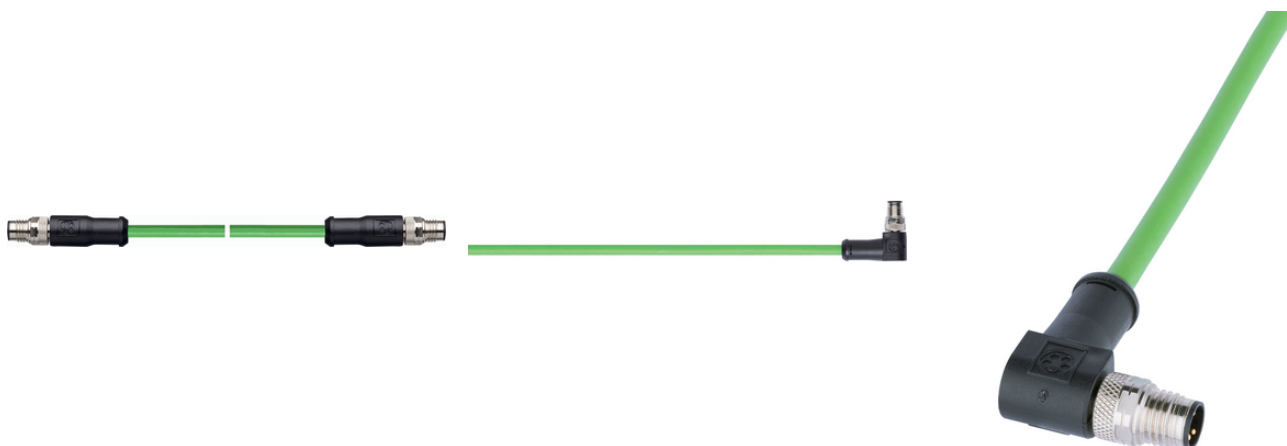
Industrial Ethernet Patchcord, EtherCat, Cat.5e, plug M8, PUR, for drag chain applications

Info

Suitable for drag chains

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

Based on 2170433



 EtherCAT®



Supplementary automation components from Lapp



Mechanical and plant engineering



Halogen-free



Mechanical resistance



Assembly time



Power chain



Interference signals



Waterproof

Benefits

Last Update (27.04.2024)

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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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Connecting cable assembled on one or on both sides saves installation time and reduces or eliminates the potential for on-site assembly errors.

High resistance to electromagnetic interference thanks to star quad stranding as well as double shielding made of aluminium-laminated foil and a high degree of coverage (SF/UTP).

Available with RJ45, M8 or M12D connectors. The slim RJ45 connector enables use in devices with a very high port density, while the integrated vibration protection of the M8/M12D connector is useful for applications with shock and vibrations.

The angled shape of the connector is suitable for the space-saving cable outlet.

Halogen-free core insulation and sheath compound to meet special fire protection requirements.

Application range

Cable design enables highly flexible, constantly flexing use in moving machine parts and in the cable chain.

Also suitable for EtherCAT and EtherNET/IP applications.

Compliant with standards for use in buses (fire behaviour test according to UNECE-R 118 for vehicles of category M3 (II and III)).

The PUR outer sheath and connectors withstand high mechanical loads.

The PUR outer sheath is insensitive to mineral oil-based lubricants and is chemically resistant in many cases.

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 AWG26/19

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 M8 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: 16 x outer diameter

Fixed installation: 4 x outer diameter

Protection rating:

M8 - IP67

Temperature range:

During installation: -30 °C to +50 °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.

ETHERLINE® EC FD Cat.5e M8

Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug M8 on straight plug M8			
2171700	IE-EC-5-M8-S-0,5-P-2-26-FD-M8-S	0.5	10
2171701	IE-EC-5-M8-S-1-P-2-26-FD-M8-S	1	20
2171702	IE-EC-5-M8-S-2-P-2-26-FD-M8-S	2	40
2171703	IE-EC-5-M8-S-3-P-2-26-FD-M8-S	3	60
2171704	IE-EC-5-M8-S-5-P-2-26-FD-M8-S	5	100
2171705	IE-EC-5-M8-S-7-P-2-26-FD-M8-S	7	140
2171706	IE-EC-5-M8-S-10-P-2-26-FD-M8-S	10	200
2171707	IE-EC-5-M8-S-15-P-2-26-FD-M8-S	15	300
2171708	IE-EC-5-M8-S-20-P-2-26-FD-M8-S	20	400
angled plug M8 on straight plug M8			
2171718	IE-EC-5-M8-A-0,5-P-2-26-FD-M8-S	0.5	10
2171719	IE-EC-5-M8-A-1-P-2-26-FD-M8-S	1	20
2171720	IE-EC-5-M8-A-2-P-2-26-FD-M8-S	2	40
2171721	IE-EC-5-M8-A-3-P-2-26-FD-M8-S	3	60
2171722	IE-EC-5-M8-A-5-P-2-26-FD-M8-S	5	100
2171723	IE-EC-5-M8-A-7-P-2-26-FD-M8-S	7	140
2171724	IE-EC-5-M8-A-10-P-2-26-FD-M8-S	10	200
2171725	IE-EC-5-M8-A-15-P-2-26-FD-M8-S	15	300
2171726	IE-EC-5-M8-A-20-P-2-26-FD-M8-S	20	400
straight connector on free conductor end			
2171709	IE-EC-5-M8-S-0,5-P-2-26-FD-OE	0.5	10
2171710	IE-EC-5-M8-S-1-P-2-26-FD-OE	1	20
2171711	IE-EC-5-M8-S-2-P-2-26-FD-OE	2	40
2171712	IE-EC-5-M8-S-3-P-2-26-FD-OE	3	60
2171713	IE-EC-5-M8-S-5-P-2-26-FD-OE	5	100
2171714	IE-EC-5-M8-S-7-P-2-26-FD-OE	7	140
2171715	IE-EC-5-M8-S-10-P-2-26-FD-OE	10	200
2171716	IE-EC-5-M8-S-15-P-2-26-FD-OE	15	300
2171717	IE-EC-5-M8-S-20-P-2-26-FD-OE	20	400
Angled connector on free conductor end			
2171727	IE-EC-5-M8-A-0,5-P-2-26-FD-OE	0.5	10
2171728	IE-EC-5-M8-A-1-P-2-26-FD-OE	1	20
2171729	IE-EC-5-M8-A-2-P-2-26-FD-OE	2	40
2171730	IE-EC-5-M8-A-3-P-2-26-FD-OE	3	60

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2171731	IE-EC-5-M8-A-5-P-2-26-FD-OE	5	100
2171732	IE-EC-5-M8-A-7-P-2-26-FD-OE	7	140
2171733	IE-EC-5-M8-A-10-P-2-26-FD-OE	10	200
2171734	IE-EC-5-M8-A-15-P-2-26-FD-OE	15	300
2171735	IE-EC-5-M8-A-20-P-2-26-FD-OE	20	400

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