

## ETHERLINE® H Flex Cat.5e M12

Industrial Ethernet Patchcord M12

Industrial Ethernet Patchcord, Cat.5e, plug M12, D-coded, halogen-free, flexible

### Info

Halogen-free and flame-retardant

Additional variants are available at  
[www.lappgroup.com/assemblyfinder](http://www.lappgroup.com/assemblyfinder)  
or on request.

Based on 2170283



 Ethernet



Supplementary automation components from Lapp



Mechanical and plant engineering



Halogen-free



Assembly time



Interference signals



Waterproof

### Benefits

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

Last Update (26.08.2023)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ETHERLINE® H Flex Cat.5e M12

### Application range

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

### 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: halogen-free, flame-retardant compound  
Colour: water blue (similar to RAL 5021)  
Pre-assembled connection and patch cable with M12 D-coded connectors 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: 6 x cable diameter
Protection rating:	IP69
Temperature range:	During installation: -5 °C to +60 °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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Article number	Article designation	Length (m)	Copper index kg/1.000 pieces
straight plug M12 on straight plug M12			
2171073	IE-5-M12D-S-1-H-2-26-7-M12D-S	1	19
2171074	IE-5-M12D-S-2-H-2-26-7-M12D-S	2	38
2171075	IE-5-M12D-S-3-H-2-26-7-M12D-S	3	57
2171076	IE-5-M12D-S-5-H-2-26-7-M12D-S	5	95
2171077	IE-5-M12D-S-10-H-2-26-7-M12D-S	10	190
2171078	IE-5-M12D-S-20-H-2-26-7-M12D-S	20	380
straight plug M12 on free conductor end			
2171079	IE-5-M12D-S-1-H-2-26-7-OE	1	19
2171080	IE-5-M12D-S-2-H-2-26-7-OE	2	38
2171081	IE-5-M12D-S-3-H-2-26-7-OE	3	57
2171082	IE-5-M12D-S-5-H-2-26-7-OE	5	95
2171083	IE-5-M12D-S-10-H-2-26-7-OE	10	190
2171084	IE-5-M12D-S-20-H-2-26-7-OE	20	380

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