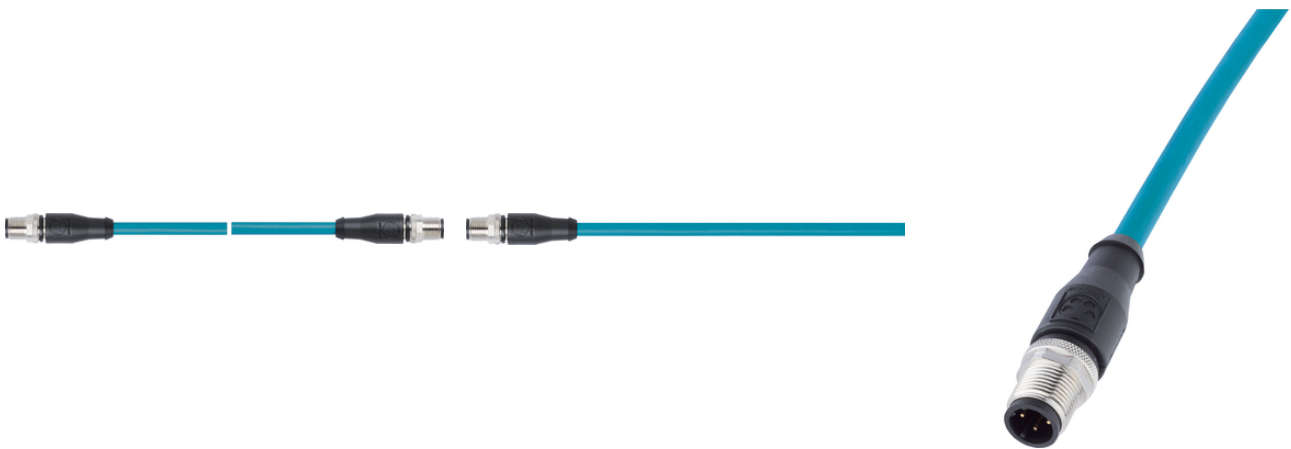# ETHERLINE® H Flex Cat.5e M12

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
or on request.
Based on 2170283

EtherNet/IP

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

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.

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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