

ETHERLINE® H Flex Cat.5e RJ45

Industrial Ethernet Patchcord RJ45

Industrial Ethernet Patchcord, Cat.5e, plug RJ45, halogen-free, flexible, 2- or 4-pair

Info

Halogen-free and flame-retardant

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

Based on 2170283







Supplementary automation components from Lapp



Mechanical and plant engineering



Halogen-free



Mechanical resistance



Assembly time



Interference signals

Benefits

Non-permanent connections allow for easy change of equipment

For directly connecting two electric components

CAT.5-Performance

Application range

Last Update (23.04.2024)

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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

ETHERLINE® H Flex Cat.5e RJ45

suitable for EtherCAT and EtherNet/IP applications
Automation technology
For indoor use
For flexible applications
Automation technology

Product features

Meets the requirements according to Cat. 5e and class D
2pair: 10/100 Mbit/s for Industrial Ethernet
4pair: 10/100/1000 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 patchcord with RJ45 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: 15 x outer diameter Fixed installation: 6 x outer diameter |
| Protection rating: | IP20 |
| 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 | Length (m) |
|--|------------|
| 2-pair: straight plug RJ45 on straight plug RJ45 | |
| 2171091 | 1 |
| 2171092 | 2 |
| 2171093 | 3 |
| 2171094 | 5 |
| 2171095 | 10 |
| 2171096 | 20 |