

ETHERLINE® FD bioP Cat.5e

Ethernet cable Category 5e, Class D for flexible use - verified up to 100 MHz

Highly flexible Cat.5e Ethernet cable (1000 Mbit/s) with outer sheath made of partially bio-based plastic, for constantly flexing use in cable chains, with UL approval.

Outer shell made of bio-based plastic reduces dependence on fossil raw materials and reduces the CO2 footprint



Lapp



The sustainable variant with the bio-based outer sheath consists of more than 40% renewable raw materials (according to ASTM D6866). The product properties are the same as for the standard variant made of purely fossil raw materials.

(30.04.2024)

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data sheet

PN 0456 / 02_03.16

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The outer sheath made of partially bio-based plastic reduces dependence on fossil fuels and reduces the carbon footprint.
Fast information exchange through ETHERNET technology. Cat.5e performance up to 1000 Mbit/s.
UL-/CSA-approval according to technical data allows use of the product in the North American area.
Halogen-free and flame-retardant materials reduce the possible hazards in the event of a fire.

Also suitable for EtherCAT and EtherNET/IP applications.
Especially for environments where electromagnetic compatibility (EMC) is required.
Cable design allows highly flexible, continuously flexing use in moving machine parts and in the cable chain.
Suitable for patch cable assembly up to a cable length of 60 m.
The bio-TPU outer sheath is insensitive to mineral-oil-based lubricants and resistant to many chemicals.

PUR : 1000 V UL ,

UL AWM 21576
: IEC 60332-1-2
VDE 0472-815

, 26AWG (19 x 0.10), (0.14 mm²)

: 가 ,
:
bio-based PUR outer sheath
: (RAL 5021)

ETIM 5:

ETIM 5.0 Class-ID: EC000830
ETIM 5.0 Class- :

ETIM 6:

ETIM 6.0 Class-ID: EC000830
ETIM 6.0 Class :

: () 125 V

: 8 x
: 15 x

∴ 100 Ω IEC 61156-6

:
Fixed installation: VDE -30°C to +80°C; UL/CSA -30°C to +80°C
Flexing: VDE -5°C to +50°C; UL/CSA -5°C to +80°C

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Article number		AWG	(mm)	mm	(kg/km)	(kg/km)
21704891	ETHERLINE FD bioP Cat.5e 4x2x26/19AWG	4x2x26/19AWG	1.03	6.4	27	56