

ETHERLINE® FESTOON PN Cat.5e

Ethernet cable for Category 5e, Class D for Festoon applications - verified up to 100 MHz

Industrial Ethernet cable Cat.5e for highly flexible use in Festoon applications, for PROFINET-applications Type C design 2x2xAWG22/7

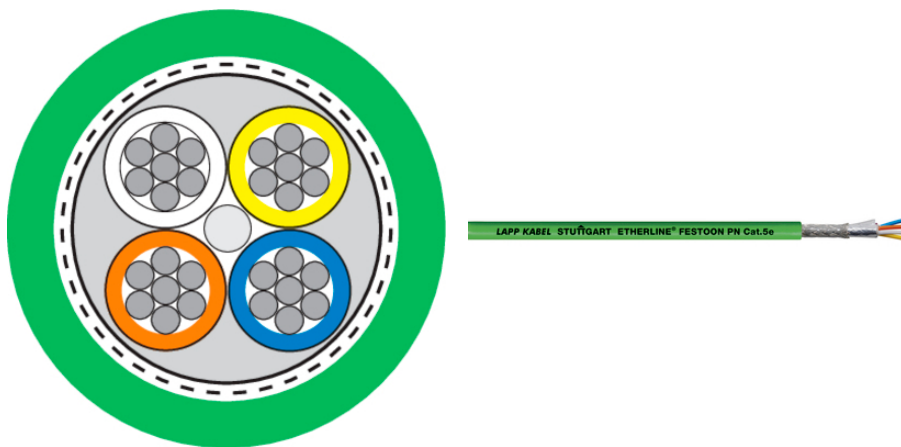
UL-approved

Info

Fast and easy cable preparation by FC inner sheath

For PROFINET applications

CAT.5-Performance



Supplementary automation components from Lapp



Mechanical and plant engineering



Flame-retardant



Mechanical resistance



Assembly time



Oil-resistant



Interference signals



UV-resistant

Last Update (21.02.2024)

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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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Benefits

Can be used in dry or damp rooms
Screened against interference
Can be used for Industrial Ethernet in harsh industrial environments
2pair: 10/100 Mbit/s for Industrial Ethernet

Application range

For conveying systems and cable trolleys
Power chain applications
Wiring of machines, tools, devices, appliances and control cabinets
max. cable length for 100 Mbit/s is 85 m
suitable for EtherCAT and EtherNet/IP applications

Product features

Cat.5e-Performance
Optimized cable construction for use in Festoon applications
Fast Connect (FC) cable design
The oil-resistant PVC sheath enables usage in industrial environments

Norm references / Approvals

The cable is UL/CSA-certified (CMG)
UL AWM Style 21694
High flame retardance acc. to IEC 60332-3-24 and CSA FT4

Product Make-up

Fine-wire strand made of tinned-copper wires
Star quad
Colour-coded in accordance with PROFINET for Cat.5e applications
Inner sheath: PVC
Overall screening with copper braid and plastic-laminated aluminium foil
PVC outer sheath
Colour: green (based on RAL 6018)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 5.0/6.0 Class-ID: EC000830 ETIM 5.0/6.0 Class-Description: Data cable
Peak operating voltage:	(not for power applications) 125 V
Minimum bending radius:	Moved: 10 x outer diameter Fixed installation: 4 x outer diameter
Test voltage:	Core/core: 2000 V Core/screen: 2000 V
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-6
Temperature range:	Fixed installation: -40 °C to +80 °C Flexing: -10 °C to +70 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon

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request.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

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Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.

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.

UL certifications can be found in the data sheet.

ETHERLINE® FESTOON PN Cat.5e

Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Copper index (kg/km)
2170936	ETHERLINE® FESTOON PN Cat.5e	2x2xAWG22/7	1	6.5	32