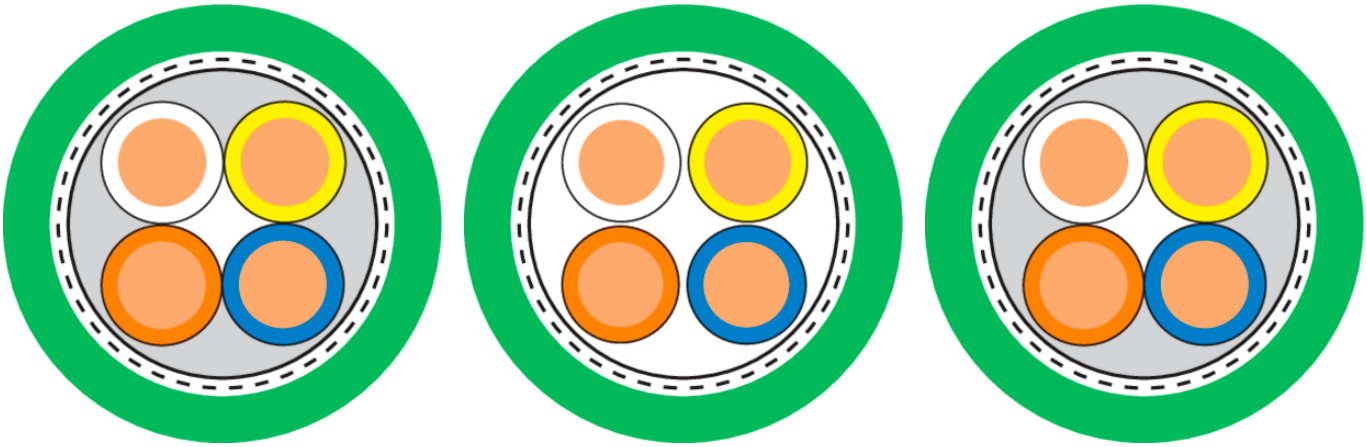
ETHERLINE® PN Cat.5

Ethernetcable for category 5, class D for fixed installation

Industrial Ethernet cable Cat.5 for fixed installation, for PROFINET applications type A
design 2x2xAWG22/1

Info

CPR: Article number choice under www.lappkabel.com/cpr
For PROFINET applications type A



- Supplementary automation components from Lapp
- Mechanical and plant engineering
- Suitable for outdoor use
- Interference signals
- UV-resistant

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 industrial secondary and tertiary cabling according to EN 50173-3
ISO/IEC 24702
Wiring of machines, tools, devices, appliances and control cabinets
suitable for EtherCAT and EtherNet/IP applications

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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® PN Cat.5

ETHERLINE® TRAY ER PN Y FC: installation in open cable trays without any conduit

Product features

Fixed Installation
CAT.5-Performance
FC: "Fast Connect" cable design
ETHERLINE® Y FC, ETHERLINE® YY, ETHERLINE® TRAY ER PN Y FC : flame-retardant according to CSA FT-4

Norm references / Approvals

Flame retardant acc. to IEC 60332-1-2
ETHERLINE® Y FC with PLTC approbation and AWM Style 21694
ETHERLINE® PN Cat.5e YY with UL CMG
ETHERLINE® PN Cat.5e Y with UL CMX
ETHERLINE® TRAY ER PN Y FC with PLTC ER approval

Product Make-up

Version for outdoor use: Colour black (similar to RAL 9005)
Solid bare copper wire AWG22
Core insulation: PE
Star quad
Overall screening with copper braid and plastic-laminated aluminium foil
Outer sheath: PVC
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 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Peak operating voltage:	(not for power applications) 125 V
Minimum bending radius:	See data sheet
Test voltage:	See data sheet
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-5
Temperature range:	See data sheet

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
PROFINET® is a registered trademark of the PNO (PROFIBUS user organisation)
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.

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Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
conventional cable assembly						
2170891	ETHERLINE® PN Cat.5e Y	2 x 2 x AWG22/1	1.5	6.3	30.4	56
FC: "Fast Connect" cable design						
2170893	ETHERLINE® Y FC Cat.5	2 x 2 x AWG22/1	1.5	6.5	30.4	70
2170879	ETHERLINE® TRAY ER PN Y FC	2 x 2 x AWG22/1	1.5	6.5	30.4	70
Suitable for outdoor use, UV-resistant						
2170933	ETHERLINE® PN Cat.5e YY	2 x 2 x AWG22/1	1.5	7.7	30.4	62

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