ETHERLINE® Cat.7 FLEX

Flexible use

Industrial Ethernet cable Cat.7 for flexible use, 4 pairs, PUR outer sheath with UL-approval, 4x2xAWG26/7

Info
Space-saving installation due to small cable diameters
Cat.7 qualified for 10Gbit/s



UV-resistant

Interference signals

Mechanical resistance

Mechanical and plant engineering

Automation & fältinstallation

Flame-retardant

Benefits
Can be used in dry or damp rooms
Screened against interference
Can be used for Industrial Ethernet in harsh industrial environments
4pair: 100Mbit/s up to 10 Gbit/s for Industrial Ethernet

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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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Application range
Wiring of machines, tools, devices, appliances and control cabinets
max. cable lenght for 100 Mbit/s is 60 m
max. cable lenght for 10 Gbit/s is 60 m
suitable for EtherCAT and EtherNet/IP applications

Product features
PUR outer sheath is highly resistant to mineral oils and abrasion
Robust, halogen-free outer sheath
High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

Norm references / Approvals
electrical requirements acc. to IEC 61156-6
AWM certification for USA and Canada
UL AWM Style 21576
Flame retardant acc. to IEC 60332-1-2

Product Make-up
Stranded conductor, bare, 7-wire
Core insulation made of polyethylene (PE)
S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
Outer sheath made of PUR
Colour: green (based on RAL 6018)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Peak operating voltage:	(not for power applications) 125 V
Minimum bending radius:	Fixed installation: 4 x outer diameter Flexing: 10 x outer diameter
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-6
Temperature range:	Fixed installation: -50 °C to +80 °C Flexing: -40 °C to +80 °C

Note
Photographs 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	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter [mm]	Copper index (kg/km)
2170934	4x2xAWG26/7	1	6.4	28

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