

## 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 due to small cable diameters

Cat.7 qualified for 10Gbit/s



UV-resistant



Interference signals



Mechanical resistance



Industrial machinery and plant engineering



Automation & fältinstallation



Flame-retardant

### Benefits

Can be used in dry or damp rooms

Shielded against interference signals

Can be used for Industrial Ethernet in harsh industrial environments

4-pair: 100 Mbit/s up to 10 Gbit/s for Industrial Ethernet

## ETHERLINE® Cat.7 FLEX

### Application range

Wiring machines, devices, and control cabinets  
max. cable length for 100 Mbit/s is 60 m  
max. cable length 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 according to IEC 61156-6  
AWM certification for USA and Canada  
UL AWM Style 21576  
Flame-retardant according to IEC 60332-1-2

### Design

Braided conductor, bare, 7-wire  
Core insulation made of polyethylene (PE)  
S/FTP: Copper braid as overall shielding and pair screening with aluminium compound foil  
Outer sheath made of PUR  
Colour: green (similar to 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 ohm according 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	Outer diameter [mm]	Copper index (kg/km)
2170934	4x2xAWG26/7	6.4	28

Last Update (22.05.2017)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.  
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