

ETHERLINE® Cat.5 FRNC HYBRID

Flexible use

Industrial Ethernet cable Cat.5 with cores for power supply for flexible use

PUR outer sheath

design 2x2xAWG22/7 + 4x1.5

AWM approval

Info

HYBRID: Cable for data transmission and power supply



UV-resistant



Interference signals



Halogen-free



Automation & fältinstallation



Suitable for outdoor use

Benefits

Industrial use

Shielded against interference signals

ETHERLINE® Cat.5 FRNC HYBRID

Application range

Industrial Ethernet cable

2-pair: 10/100 Mbit/s for Industrial Ethernet

high-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

max. cable length for 100 Mbit/s is 85 m

suitable for EtherCAT and EtherNet/IP applications

Product features

Flame-retardant according to IEC 60332-1-2

HYBRID: Cable for data transmission and power supply

Robust, halogen-free outer sheath

CAT.5 performance

Norm references / approvals

UL AWM Style 21282

Design

Cores for power supply

4 x 1.5 mm² (AWG16)

Data transfer: Braided conductor, 7-wire, bare

Pair screening: Foil and copper braiding

Twisting: Data pairs and power supply pairs twisted together

Overlapping plastic tape

FRNC outer sheath

Colour: green (similar to RAL 6018)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 5 x outer diameter
Test voltage:	see data sheet
Characteristic impedance:	100 Ω ± 15%
Temperature range:	Operation: -20°C to +70°C

Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

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

Packaging: Ring ≤ 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 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.



ETHERLINE® Cat.5 FRNC HYBRID

Article number	Article designation	Number of pairs and AWG per conductor	Max. outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Flexible use					
2170887	ETHERLINE® Cat.5 FRNC HYBRID	2x2xAWG22/7 + 4x1.5	10.6	94.2	153

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Product Management www.lappkabel.de

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

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