

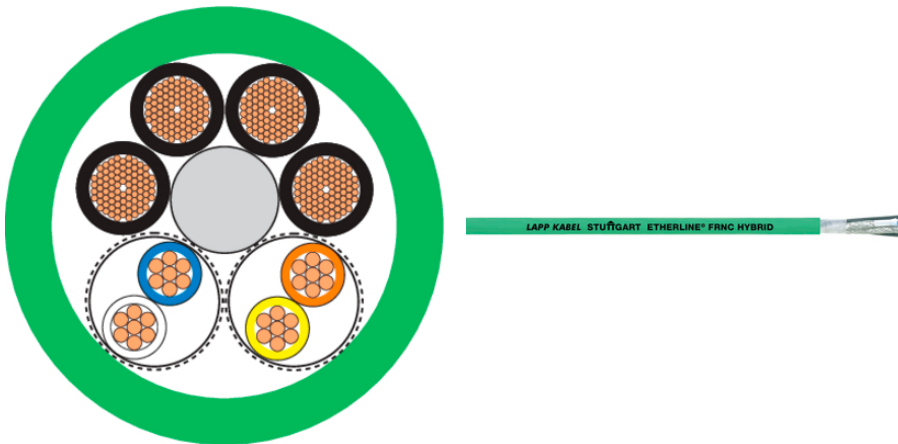
# ETHERLINE® Cat.5 FRNC HYBRID






Hybrid cable for ethernet and power transmission

Industrial Ethernet cable Cat.5 with cores for power supply for flexible use  
 PUR outer sheath, design 2x2xAWG22/7 +4x 1,5  
 AWM- approval

**Info**

HYBRID: cable for data transmission + power supply  
 CAT.5-Performance



-  Supplementary automation components from Lapp
-  Suitable for outdoor use
-  Halogen-free
-  Interference signals
-  UV-resistant

**Benefits**

Industrial use  
 Screened against interference

**Application range**

Industrial Ethernet cable  
 2pair: 10/100 Mbit/s for Industrial Ethernet  
 High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference  
 suitable for EtherCAT and EtherNet/IP applications

## ETHERLINE® Cat.5 FRNC HYBRID

### Product features

HYBRID: cable for data transmission + power supply  
Robust, halogen-free outer sheath

### Norm references / Approvals

UL AWM Style 21282  
Flame retardant acc. to IEC 60332-1-2

### Product Make-up

Cores for Power Supply  
4 x 1.5 mm<sup>2</sup> (AWG16)  
Data transfer: braided conductor, 7-wire, bare  
Pair screening: wrapped with foil and braided copper wires  
Twisting: data pairs and power supply pairs twisted together  
Overlapping plastic tape  
FRNC 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 6.0 Class-ID: EC000830 ETIM 6.0 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:	nom. 100 Ω acc. to IEC 61156-5
Temperature range:	Operation: -20 °C to +70 °C

### 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](http://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.

**ETHERLINE® Cat.5 FRNC HYBRID**

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
Flexible use					
2170887	ETHERLINE® Cat.5 FRNC HYBRID	2x2xAWG22/7 + 4x1.5	10.3	94.2	153

Last Update (11.12.2022)

©2022 Lapp Group - Technical changes reserved

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

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

PN 0456 / 02\_03\_16