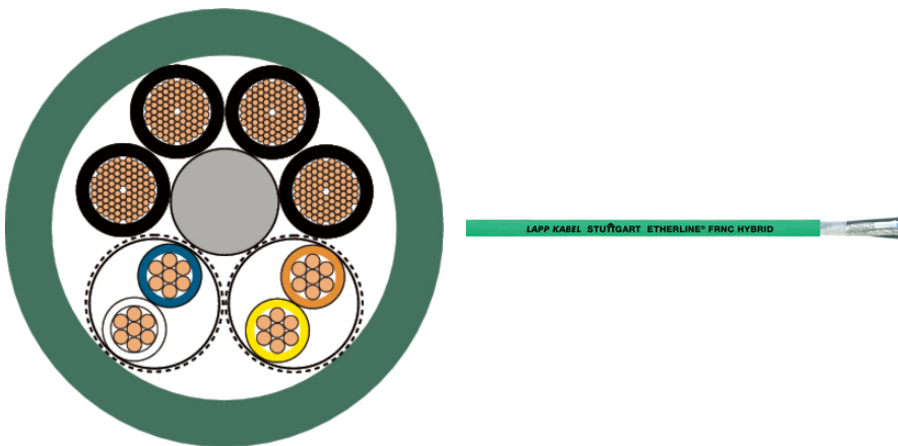# ETHERLINE® Cat.5 FRNC HYBRID

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 mm2 (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
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.

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter mm	J_1NVGW
Flexible use				
2170887	ETHERLINE® Cat.5 FRNC HYBRID	2x2xAWG22/7 + 4x1.5	10.3	94.2

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