Accessories for INDUSTRIAL networking

LAN cables for structured industrial cabling

ETHERLINE® Cat.5 ARM

· Very low installation cost due to the use

With armouring for improved rodent pro-

• Can be used for Industrial Ethernet in

Screened against interference

harsh industrial environments

2pair: 10/100 Mbit/s for Industrial

Suitable for outdoor use, UV-resistant

PROFINET application Type C but for fixed

Fixed installation

of Ethernet cables

Application range

Suitable for direct burial

Ethernet

EMC-optimised

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

 PROFINET application Type C Hybrid Suitable for EtherCAT and EtherNet/IP applications

Product features

- Flame-retardant according IEC 60332-1-2
- HYBRID: cable for data transmission + power supply
- Robust, halogen-free outer sheath
- CAT.5-Performance

LAPP KABEL STUTTGART ETHERLINE Y2Y ARM TYPE A CAT.5

- Product features CAT.5-Performance
- Colour-coded in accordance with 5 apllications

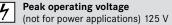
Product make-up

- Overlapping plastic tape
- SF/UTP: copper braid and foil screening
- RAL6018)

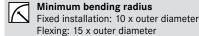


- **Industrial Ethernet cable**
- CAT.5-Performance

Technical data



® LAPP GROUP



Test voltage Core/core: 2000 V

Core/screen: 2000 V Temperature range

Operation: -40 °C to +70 °C During installation: -20°C to +60°C

Characteristic impedance 100 Ohm +- 15%

PR	OFI	INE I	for	Cat.

- Solid and bare copper conductor
- Core insulation: PE
- as overall screening
- Inner sheath made of PVC (green
 - 2 layer galvanzid steel tape
- Outer sheath made of black polyethylene

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Fixed installation					
2170496	ETHERLINE® Cat.5 ARM	2 x 2 x AWG22/1	9.3	30.4	124
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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 $\le 30 \text{ kg or} \le 250 \text{ m}$, otherwise drum

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





ETHERLINE® Cat.5 FRNC HYBRID

Flexible use

Benefits

Industrial use

LAPP KABEL STUTTGART ETHERLINE® FRNC HYBRID

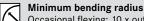
- Norm references / Approvals
- UL AWM Style 21282

Product make-up

- Cores for Power Supply 4 x 1.5 mm2 (AWG 16)
- Data transfer: braided conductor, 7-wire,
- 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)

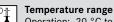
HYBRID: cable for data transmission + power supply

Technical data



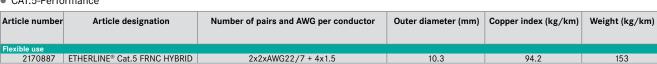
Occasional flexing: 10 x outer diameter Fixed installation: 5 x outer diameter

Test voltage See data sheet



Operation: -20 °C to +70 °C

Characteristic impedance 100 Ohm +- 15%



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

Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.

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