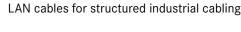
APPENDIX

Accessories for INDUSTRIAL networking





















® LAPP GROUP

New

ETHERLINE® EC FD Cat.5e

LAPP KABEL STUTTGART ETHERLINE® P EC FD Cat.5e





- For EtherCat applications
- For highly flexible industrial applications

Benefits

- Can be used for Industrial Ethernet in harsh industrial environments
- Can be used in dry or damp rooms
- Lower space requirement

Application range

- Suitable for EtherCAT and EtherNet/IP applications
- For highly flexible applications (power chains, moving machine parts)
- Many applications with Industrial Ethernet, e.g. EtherCat, i.e. fixed installation, flexible and highly flexible use
- For internal wiring of electric and electronic equipment in switch cabinets

Product features

- · PUR outer sheath, halogen-free
- Meets the requirements according to CAT.5e, ISO/IEC 11801 and EN 50173,
- · High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference
- CAT.5-Performance

■ Norm references / Approvals

 UL/CSA type CMX in accordance with UL 444 and CSA C22.2 no. 214-02

■ Product make-up

- Stranded tinned 7-wire conductor
- Core insulation: PF
- Insulation colour-codes: orange/whiteorange; green/white-green
- Star guad
- SF/UTP: copper braid and foil screening as overall screening
- Outer sheath: PUR compound, halogenfree
- Colour: green (based on RAL 6018)

Technical data



Minimum bending radius

Fixed installation: 4 x Outer diameter Flexing: 8 x outer diameter



Temperature range Fixed installation: -40°C to +80°C Flexing: -30°C to +50°C



Characteristic impedance 100 Ohm +- 15%

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
2170432	ETHERLINE® P EC FD Cat.5e	1 x 4 x AWG26/7	5.0	20.0	35

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- Field mountable S/A connectors M8 refer to page 360
- Field-Terminable Connector RJ45 CAT.5e FM45 refer to page 436
- BUS M12 connectors that can be assembled