ÖLFLEX®

UNITRONIC®

ETHERLINE®

HITRONIC®

EPIC®

SKINTOP®

SILVYN®

FLEXIMARK®

ACCESSORIES

APPENDIX

RoHS ✓

New

ETHERLINE® Cat.5e 105 plus

LAPP KABEL STUTTGART ETHERLINE® CAT. 5e 105 plus

Info
● **For PROFINET applications**
● **Extended temperature range**

■ Benefits
● No need for additional cable protection against high temperatures
● High temperature resistance
● Industrial use
● Premium screening against electromagnetic interference

■ Application range
● For installation in hollow shaft between gear units and pitch system
● Suitable for fixed installation and occasionally flexible use in high temperature areas
● For PROFINET applications type B
● Suitable for EtherCAT and EtherNet/IP applications

■ Product features
● Optimum EMC protection
● Permanent load up to +105°C, temporary load +120°C

■ Norm references / Approvals
● Electrical requirements acc. to IEC 61156-5

■ Product make-up
● Stranded conductor, 7-wire, bare
● Core insulation: PE
● Colour-coded in accordance with PROFINET for Cat.5 apllications
● Overall screening with copper braid and plastic-laminated aluminium foil
● Outer sheath: TPE-based
● Colour: green (based on RAL 6018)

■ Technical data

Minimum bending radius
Fixed installation: 10 x outer diameter
Flexing: 15 x outer diameter

Temperature range
Fixed installation: -40°C to +105°C
occasionally flexing: -30°C to +105°C

Characteristic impedance
100 Ohm +- 15%

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)
2170636	ETHERLINE Cat.5e 105 plus	2x2xAWG22/7	6.2	30.4

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

■ Accessories
● BUS M12 connectors that can be assembled