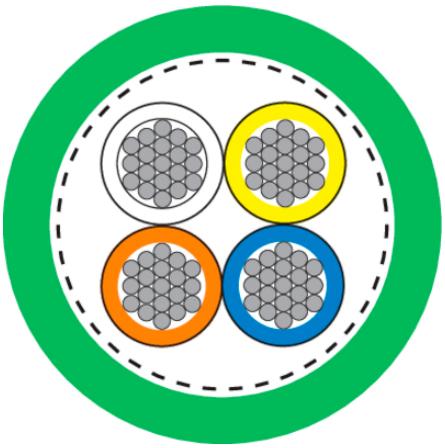
ETHERLINE® TORSION Cat. 5

Ethernetcable category 5, class D for high flexible applications

Industrial Ethernet cable Cat.5 for torsion stress applications (± 180°)
2 pairs, PUR jacket with AWM approval, design 2x2xAWG22/19, for PROFINET

Info

Industrial Ethernet Cable, 2-pair, suitable for torsion stress
For PROFINET applications
CAT.5-Performance





- Supplementary automation components from Lapp
- Mechanical and plant engineering
- Halogen-free
- Mechanical resistance
- Interference signals
- Torsion-resistant

Benefits

Can be used in dry or damp rooms
Screened against interference
Can be used for Industrial Ethernet in harsh industrial environments
Industrial Ethernet Cable, 2-pair, suitable for torsion stress
2pair: 10/100 Mbit/s for Industrial Ethernet

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Application range

Many applications with Industrial Ethernet, e.g. PROFINET, i.e. fixed installation, flexible use as well as TORSION.
Wiring of machines, tools, devices, appliances and control cabinets
suitable for EtherCAT and EtherNet/IP applications

Product features

Cable suitable for high torsion stress. Tested with more than 1 million bending cycles and a right/left movement of 180° per metre.
Outer sheath with high abrasion-resistance
Broad usages due to halogen-free materials
PUR outer sheath is highly resistant to mineral oils and abrasion

Norm references / Approvals

UL AWM (Style 21161)
Halogen-free according to VDE 0472-815
Flame retardant acc. to IEC 60332-1-2

Product Make-up

Stranded conductor, tinned
AWG 22 (19-wire)
PE core insulation
Star quad
Screening: wrapped with braided tinned-copper wires
Non-woven wrapping
PUR outer sheath, green (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
Peak operating voltage:	max. 100 V (not for power applications)
Minimum bending radius:	5 x outer diameter
Test voltage:	700 V
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-6
Temperature range:	-40°C to +80°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
PROFINET® is a registered trademark of the PNO (PROFIBUS user organisation)
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.

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Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
2170888	ETHERLINE® TORSION CAT.5	2 x 2 x AWG22/19	1.5	6.5	31.3	52

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