

ETHERLINE® 2 Pair: CAT.5 TORSION

Industrial Ethernet Cable Suitable for Torsion Stress

LAPP KABEL STUTTGART ETHERLINE® CAT.5 TORSION



ETHERLINE® TORSION is a 2 pair industrial Ethernet cable designed for high-torsion stress applications. It is tested with more than 1 million bending cycles and a right/left movement of 180° per meter.

Recommended Applications

Stationary, flexible, continuous flex, and torsion applications; recommended for drip loop applications, e.g., in wind turbines

Construction

Conductors: Stranded tinned copper

Pairs: Star quad

Insulation: Foamed polyethylene

Shielding: Tinned copper braid, non-woven wrap

Jacket: Green halogen-free polyurethane

Application Advantage

- Suitable for high torsion stress
- High-quality shield provides excellent EMI protection
- Highly abrasion-resistant PUR jacket
- Halogen-free and flame retardant

Approvals



For Ethernet cordsets, see page 629



Cable Attributes, see page 659

OR-04	FR-01	FL-02*	MP-05
OIL	FLAME	MOTION	MECHANICAL

* Torsion ± 180°/m

Similar Cables

- ETHERLINE® 2 Pair: CAT.5/5e Continuous Flex

Complete the Installation

SKINTOP® MS-SC: page 528

Technical Data

Minimum Bend Radius: 5 x cable diameter	Characteristic Impedance: 100Ω ± 15Ω
Temperature Range: -40°C to +80°C	Color Code: White, yellow, blue, orange
Nominal Voltage: 100V (not for power applications)	Approvals: UL: AWM 21161 Additional: RoHS

Part Number	Size / Pairs	Stranding	Jacket Material	Jacket Color	Approvals	Fast Connect	Nominal Outer Diameter (inches) (mm)		Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
CAT.5 Cable 2170888	22 AWG/2pr	19 wire	PUR	Green	PROFINET, UL AWM	No	0.256	6.5	35	53112210

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available, please see our SKINTOP® Section. Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.