

## 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.

#### Construction

**Conductors:** Stranded tinned copper

**Pairs:** Star quad

**Insulation:** Foamed polyethylene

**Shielding:** Tinned copper braid; non-woven wrap

**Jacket:** Halogen-free polyurethane; green

#### Recommended Applications

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

#### 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



Cable Attributes		page 640	
OIL	OR-04	FLAME	FR-01
MOTION	FL-02*	MECH.	MP-05

Complete the Installation	
SKINTOP® MS-SC page 516	RJ45 Connectors page 251

ÖLFLEX® CONNECT Solution	
ÖLFLEX® CONNECT CABLES page 597	

\* Torsion ± 180°/m

#### Technical Data

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

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

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