

ETHERLINE® 4 pair: CAT.7 TORSION

Industrial Ethernet cable for torsion stress

NEW

LAPP KABEL STUTTGART ETHERLINE® CAT.7 TORSION



ETHERLINE® CAT. 7 TORSION meets CAT. 7 requirements and can be used in torsion applications. The premium shielding allows reliable, high-speed data transfer.

Construction

Conductors: stranded tinned copper

Pairs: 4 pairs individually shielded with aluminum compound foil

Insulation: polyethylene

Shielding: overall copper braid

Jacket: halogen-free polyurethane; green

Recommended applications

High-torsion stress applications; harsh industrial environments

Approvals



EtherNet/IP™

Application advantage

- Suitable for high-torsion stress
- Qualified for 10 Gigabit Ethernet
- Suitable for EtherCAT® & EtherNet/IP applications
- Excellent EMI protection
- Halogen-free & oil resistant
- Suitable for PoE per IEEE 802.3at

Cable attributes		page 648	Complete the installation		ÖLFLEX® CONNECT solution
OIL	OR-04	FLAME	FR-02	SKINTOP® MS-SC	ÖLFLEX® CONNECT CABLES
MOTION	T-01	MECH.	MP-05	RJ45 connectors	
				page 522	page 257
					page 605

Technical data

Minimum bend radius:		Characteristic impedance:	100Ω ± 15Ω
- for installation:	8 x cable diameter	Color code:	white & blue, white & orange, white & green, white & brown
- for torsion & flexing:	15 x cable diameter	Approvals:	UL: CMX AWM 21576 Canada: c(UL) CMX
Temperature range:			
- for installation:	-40°C to +80°C		
- for flexible use:	-30°C to +70°C		
Nominal voltage:	125V (not for power applications)		

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nominal outer diameter in mm	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread	
CAT.7											
2170481	24 AWG/4pr	7 wire	PUR	green	UL AWM, CMX	no	yes	0.367	9.4	64	53112220

Max cable run: 279 ft (85 m)