4 pair cable   Data communication systems for Ethernet technology

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

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

Approvals

c UL us | PROFI NET® | EtherCAT® Technology Group | EtherNet/IP™

Cable attributes		page 648		
OIL	OR-04	FLAME	FR-02
MOTION	T-01	MECH.	MP-05

Complete the installation	
SKINTOP® MS-SC page 522	RJ45 connectors page 257

ÖLFLEX® CONNECT solution
ÖLFLEX® CONNECT CABLES page 605

Technical data

Minimum bend radius:
- for installation: 8 x cable diameter
- for torsion & flexing: 15 x cable diameter

Temperature range:
- for installation: –40°C to +80°C
- for flexible use: –30°C to +70°C

Nominal voltage: 125V (not for power applications)

Characteristic impedance: 100Ω ± 15Ω

Color code: white & blue, white & orange, white & green, white & brown

Approvals:
UL: CMX
AWM 21576
Canada: c(UL) CMX

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nominal outer diameter		Approx. weight	SKINTOP® MS-SC
								in	mm	lbs/mft	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)