ETHERLINE® 4 pair: CAT.7; flexible
Industrial Ethernet cable for flexible applications

NEW

LAPP KABEL STUTTGART ETHERLINE® CAT.7

ETHERLINE® CAT. 7 flexible cables are designed for flexible applications and come with an overall foil and braid shield and individually shielded pairs for EMI protection.

Construction

Conductors: stranded bare copper

Pairs: 4 pairs individually shielded with aluminum compound foil

Insulation: polyethylene

Shielding: foil & tinned copper braid

Jacket: halogen-free polyurethane; green

Recommended applications

Flexible applications; wiring of industrial network devices, sensors, actuators, and cordsets

Approvals

c**UL**us

EtherCAT® Technology Group

EtherNet/IP™

Application advantage

• Can be used in dry or damp rooms
• Qualified for 10 Gigabit Ethernet
• Suitable for EtherCAT® & EtherNet/IP applications
• Excellent EMI protection
• Space-saving due to small cable diameter
• Robust halogen-free outer jacket

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

Complete the installation

SKINTOP® MS-SC
page 522

RJ45 connectors
page 258

ÖLFLEX® CONNECT solution

ÖLFLEX® CONNECT CABLES
page 605

Technical data

Minimum bend radius:
- for installation: 4 x cable diameter
- for torsion & flexing: 10 x cable diameter

Temperature range:
- for installation: -50°C to +80°C
- for flexible use: -40°C to +80°C

Nominal voltage: 125V (not for power applications)

Characteristic impedance: 100Ω ± 15Ω

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

Approvals:
UL: AWM 21576
Canada: cRU AWM I/II A/B FT2

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											
2170934	26 AWG/4pr	7 wire	PUR	green	UL AWM, CMX	no	no	0.250	6.4	31	53112210

Max cable run: 196 ft (60 m)