

ETHERLINE® 4 pair: CAT.6; continuous flex

Industrial Ethernet cable for continuous flex applications

LAPP KABEL STUTTGART ETHERLINE® CAT.6



Designed with 4 pairs, a foil and braid shield, and a rugged PUR jacket, this ETHERLINE® cable meets CAT.6 requirements. It can be used in continuous flex applications.

Construction

- Conductors:** stranded tinned copper
- Pairs:** 4 pairs divided by central filler element
- Insulation:** polypropylene
- Shielding:** FRNC inner jacket; foil and braid
- Jacket:** polyurethane; green

Recommended applications

Continuous flex applications; cable tracks; cordsets

Application advantage

- PUR outer jacket is highly resistant to oils, abrasion, and UV radiation
- Premium screening against EMI
- Suitable for EtherCAT® & EtherNet/IP applications

Approvals



Cable attributes page 648

OIL	OR-04	FLAME	FR-02
MOTION	CF-01*	MECH.	MP-05

Complete the installation

SKINTOP® MS-SC page 522	RJ45 connectors page 258
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ÖLFLEX® CONNECT solution

ÖLFLEX® CONNECT CABLES page 605

Technical data

Minimum bend radius: - for stationary use: 4 x cable diameter - for continuous flexing: 7.5 x cable diameter	Test voltage: 700V
Temperature range: - for stationary use: -40°C to +80°C - for continuous flexing: -30°C to +70°C	Characteristic impedance: 100Ω ± 15Ω
Nominal voltage: 100V (not for power applications)	Color code: white & blue, white & orange, white & green, white & brown
	Approvals: UL: CMX Canada: c(UL) CMX Additional: RoHS *UL Verified ID A522492: Continuous Flex Test Method Verified

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.6											
2170488	26 AWG/4pr	19 wire	PUR	green	UL/CSA CMX	no	no	0.307	7.8	42	53112220

Max cable run: 196 ft (60 m)