

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		Complete the installation				ÖLFLEX® CONNECT solution	
OIL	OR-04	FLAME	FR-02	SKINTOP® MS-SC	page 522	RJ45 connectors	page 258			ÖLFLEX® CONNECT CABLES	
MOTION	CF-01	MECH.	MP-05								

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

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.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)

EtherCAT® is a registered trademark of Beckhoff Automation GmbH. Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.