## Data communication systems for Ethernet technology

## **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<sup>®</sup> cable meets CAT.6 requirements. It can be used in continuous flex applications.

## Construction

<u>Conductors:</u> stranded tinned copper

Pairs: 4 pairs divided by central filler element

Insulation: polypropylene

Shielding: FRNC inner jacket; foil and braid

Jacket: polyurethane; green

Recommended application	015	Application	Application advantage						
Continuous flex applications; cab	ole tracks; cordsets	<ul> <li>PUR outer jac UV radiation</li> </ul>	<ul> <li>PUR outer jacket is highly resistant to oils, abrasion, and UV radiation</li> <li>Premium screening against EMI</li> <li>Suitable for EtherCAT<sup>®</sup> &amp; EtherNet/IP applications</li> </ul>						
		Premium scre							
Approvals		Suitable for Ef							
	RoHS Continuous Flex Test Method Verified	ULUS							
Cable attributes	page 648	Complete the installation	ÖLFLEX <sup>®</sup> CONNECT solution						
	LAME FR-02	SKINTOP®	RJ45 ÖLFLEX® CONNEC						
😑 OIL OR-04 [ 🙆 F	LAME FR-02								
	<b>IECH.</b> MP-05	MS-SC c	connectors page 258						
мотюм CF-01* 😵 м Technical data Minimum bend radius:	<b>лЕСН.</b> МР-05	MS-SC c	connectors CABLES						
СF-01* 😵 мотіон CF-01*		MS-SC page 522 p	connectors page 258 CABLES page 605						
MOTION CF-01* MOTION CF-01* Technical data Minimum bend radius: - for stationary use: - for continuous flexing: Temperature range: - for stationary use:	иесн. MP-05 4 x cable diameter	MS-SC page 522 For p	connectors page 258 CABLES page 605						
MOTION CF-01* Technical data Minimum bend radius: - for stationary use: - for continuous flexing: Temperature range:	AECH. MP-05 4 x cable diameter 7.5 x cable diameter -40°C to +80°C	MS-SC page 522 for p	connectors page 258 CABLES page 605 700V nce: $100\Omega \pm 15\Omega$ white & blue, white & orange, white & green, white & brown UL: CMX lada: c(UL) CMX						

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nom outer di in		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 askla www. 10	( ft ((0)										

Max cable run: 196 ft (60 m)

EtherCAT<sup>®</sup> is a registered trademark of Beckhoff Automation GmbH.

Recommended SKINTOP<sup>®</sup> assumes minimal OD variance. Additional configurations are available; please see our SKINTOP<sup>®</sup> 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.

246 **O LAPP**