

# ETHERLINE® 2 pair: CAT.5 ARMORED

## Industrial Ethernet cable for harsh industrial environments

LAPP KABEL STUTTGART ETHERLINE® CAT.5 ARMORED



ETHERLINE® ARMORED has a foil and braid shield and comes with two layers of galvanized steel tape. This allows the cable to provide reliable data transmission in even the roughest industrial environments.

### Construction

**Conductors:** solid bare copper

**Pairs:** star quad

**Insulation:** polyethylene

**Shielding:** PVC inner jacket; foil and braid; two layers of galvanized steel tape

**Jacket:** polyethylene; black

### Recommended applications

Harsh industrial environments; stationary applications

### Application advantage

- Suitable for EtherCAT® & EtherNet/IP applications
- Rodent protection
- High transmission reliability
- UV-resistant jacket
- Suitable for PoE per IEEE 802.3at

### Approvals



Cable attributes		page 648	
OIL	OR-00	FLAME	FR-00
MOTION	FL-00	MECH.	MP-01

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

ÖLFLEX® CONNECT solution	
ÖLFLEX® CONNECT CABLES page 605	

### Technical data

<b>Minimum bend radius:</b> - for stationary use: 10 x cable diameter - for flexible use: 15 x cable diameter	<b>Nominal voltage:</b> 125V (not for power applications)
<b>Temperature range:</b> - for stationary use: -40°C to +70°C - for flexible use: -20°C to +60°C	<b>Characteristic impedance:</b> 100Ω ± 15Ω
	<b>Color code:</b> white, yellow, blue, orange
	<b>Approvals:</b> RoHS

Part number	Construction	Stranding	Jacket material		Jacket color		Approvals	Fast connect	PoE	Nominal outer diameter		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
			inner	outer	inner	outer				in	mm		
<b>CAT.5</b>													
2170496	22 AWG/2pr	solid	PVC	PE	green	black	PROFINET®	no	yes	0.366	9.3	83	53112230

PROFINET® is a registered trademark of the PNO (PROFIBUS User Organization). 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.