

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



Minimum bend radius:

- for stationary use: 10 x cable diameter
- for flexible use: 15 x cable diameter



Nominal voltage:

125V (not for power applications)



Characteristic impedance:

100Ω ± 15Ω



Temperature range:

- for stationary use: -40°C to +70°C
- for flexible use: -20°C to +60°C



Color code:

white, yellow, blue, orange



Approvals:

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		
CAT.5													
2170496	22 AWG/2pr	solid	PVC	PE	green	black	PROFINET®	no	yes	0.366	9.3	83	53112230