Data communication systems for Ethernet technology

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

Approvals



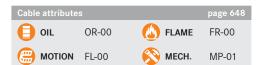




EtherNet/IP

Application advantage

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







Technical data

Minimum bend radius:

for stationary use:for flexible use:10 x cable diameter15 x cable diameter

Temperature range:

- for stationary use: -40°C to $+70^{\circ}\text{C}$ - for flexible use: -20°C to $+60^{\circ}\text{C}$ **Nominal voltage:** 125V (not for power applications)

Characteristic impedance: $100\Omega \pm 15\Omega$

Color code: white, yellow, blue, orange

Approvals: RoHS

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