# ETHERLINE® 4 pair: CAT.5e; stationary

Industrial Ethernet cable for stationary applications

## LAPP KABEL STUTTGART ETHERLINE® CAT.5e



ETHERLINE® 4 pair cables for stationary applications are suitable for CAT.5e data transmission. Designed with a foil and braid shield, the cable is protected against EMI and can be used in areas where reliable data transmission is key. The cable is available with a PUR or halogen-free jacket, or with a double halogen-free inner and outer jacket.

#### Construction

<u>Conductors:</u> solid bare copper Pairs: 4 pairs twisted together

Insulation: foam skin

Shielding: foil and tinned copper braid

<u>lacket:</u> polyurethane or halogen-free; teal • 2170298:

halogen-free inner & outer jackets

#### Recommended applications

Stationary applications; industrial field and cell level networking; PLCs, sensors, and other network devices; dry and damp rooms

## Application advantage

- Suitable for EtherCAT® & EtherNet/IP applications
- Excellent EMI protection
- Flame retardant
- Suitable for PoE per IEEE 802.3at

## Approvals







EtherNet/IP

able attributes page 64

See attribute list by part number on page 234

Complete the installation



SKINTOP® MS-SC page 522



ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES page 605

### Technical data

Minimum bend radius:

- for stationary use: 8 x cable diameter

Temperature range: -30°C to +80°C

**7 Nominal voltage:** (not for power applications)

- 2170297: 1000V - 2170296, 2170298: 125V

Test voltage: 1000V

**Characteristic impedance:**  $100Ω \pm 15Ω$ 

Color code: white/blue & blue,

white/orange & orange, white/green & green,

white/brown & brown

**✓ Approvals:** UL: AWM 21576 (2170297)

Canada: cRU AWM I/II A/B FT2 (2170297)

Additional: RoHS

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nom outer d		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
CAT.5e											
2170296	24 AWG/4pr	solid	halogen-free	teal	_	no	yes	0.248	6.3	36	53112210
2170297	24 AWG/4pr	solid	PUR	teal	UL/CSA AWM, 1000V	no	yes	0.248	6.3	42	53112210
2170298	24 AWG/4pr	solid	halogen-free*	teal	_	no	ves	0.296	7.5	54	53112220

<sup>\*</sup> Inner and outer jacket