

## 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

**Conductors:** Solid bare copper

**Pairs:** 4 pairs twisted together

**Insulation:** Foam skin

**Shielding:** Foil and tinned copper braid

**Jacket:** Polyurethane or halogen-free; teal

2170298: inner and outer jackets are halogen-free

#### Recommended Applications

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

#### Application Advantage

- Excellent EMI protection
- Flame retardant

#### Approvals



#### Cable Attributes

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See attribute list by part number on page 230

#### Complete the Installation



SKINTOP®  
MS-SC  
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Connectors  
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#### ÖLFLEX® CONNECT Solution



ÖLFLEX® CONNECT CABLES  
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#### Technical Data

##### Minimum Bend Radius:

- for stationary use: 8 x cable diameter

##### Temperature Range:

-30°C to +80°C

##### Nominal Voltage:

(not for power applications)

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

##### Test Voltage:

1000V

##### Characteristic Impedance:

100Ω ± 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	Size / Pairs	Stranding	Jacket Material	Jacket Color	Approvals	Fast Connect	Nominal Outer Diameter (in)	Nominal Outer Diameter (mm)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
<b>CAT.5e Cable</b>										
2170296	24 AWG/4pr	Solid	Halogen-free	Teal	—	No	0.248	6.3	36	53112210
2170297	24 AWG/4pr	Solid	PUR	Teal	UL/CSA AWM, 1000V	No	0.248	6.3	42	53112210
2170298	24 AWG/4pr	Solid	Halogen-free*	Teal	—	No	0.296	7.5	54	53112220

\* Inner and outer jacket.

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.  
For current information go to our website.