

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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RJ45
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
CAT.5e Cable										
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.