ETHERLINF®

ETHERLINE® 4 pair: CAT.5e; continuous flex

Industrial Ethernet cable for continuous flex applications

LAPP KABEL STUTTGART ETHERLINE® CAT.5e



This ETHERLINE® 4 pair cable is suitable for CAT.5e continuous flex applications in harsh industrial environments where EMI is pervasive. The rugged polyurethane jacket offers excellent protection against oils and abrasion, and is also halogen-free.

Construction

Conductors: stranded bare copper Pairs: 4 pairs twisted together

Insulation: polyolefin

Shielding: tinned copper braid Jacket: polyurethane; teal

Recommended applications

Continuous flex applications; cable tracks; cordsets; wiring of network devices in dry or damp rooms

Approvals



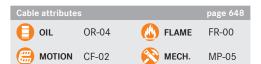




EtherNet/IP

Application advantage

- Suitable for EtherCAT® & EtherNet/IP applications
- Tested for 2.5 million flex cycles
- · Shield provides reliable data transmission
- Easy routing
- · PUR jacket is resistant to oil and abrasion







Technical data

Minimum bend radius:

- for stationary use: 8 x cable diameter - for continuous flexing: 15 x cable diameter

Temperature range:

- for stationary use: -30°C to +80°C - for continuous flexing: -20°C to +70°C

7 Nominal voltage: 1000V (not for power applications)

Test voltage: 1000V z_∞ Characteristic impedance: $100\Omega \pm 15\Omega$

Color code: white/blue & blue, white/orange & orange,

white/green & green, white/brown & brown

✓ Approvals: UL: AWM 21576

> Canada: cRU AWM I/II A/B FT2

Additional: RoHS

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nominal outer diameter in mm		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
CAT.5e											
2170/180	26 AWG /4pr	10 wire	PLIR	teal	LIL /CSA AWM 1000V	no	no	0.248	6.3	36	53112210

Max cable run: 196 ft (60 m)

