ETHERLINE® TRAY CAT.5e; flexible

Tray-rated industrial Ethernet cable for flexible applications

LAPP KABEL STUTTGART ETHERLINE® TRAY CAT.5e

ETHERLINE® TRAY CAT.5e cables are designed for flexible applications. Designed with a foil and braid shield, the cable is protected against EMI and can be used in areas where reliable transmission is key.

Construction

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

<u>Insulation:</u> thermoplastic-based insulation <u>Shielding:</u> foil and tinned copper braid

Jacket: PVC; green

Recommended applications

Flexible applications, cable trays, industrial machinery, plant infrastructure

Approvals





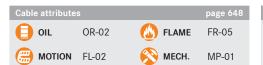




EtherNet/IP

Application advantage

- Wide application range due to multiple certifications
- PLTC (power limited tray cable) for protected use on cable trays
- Suitable for EtherNet/IP applications
- Suitable for PoE per IEEE 802.3at





Color code:



Technical data

Minimum bend radius:

- for stationary use: 10 x cable diameter
- for flexible use: 15 x cable diameter

Temperature range:

- for stationary use: -40°C to +80°C - for flexible use: -25°C to +80°C

7 Nominal voltage: 600V (not for power applications)

Characteristic impedance: $100\Omega \pm 15\Omega$ (1 - 100 MHz)

Approvals: UL: CMR per UL 444

CMG per UL 444 PLTC per UL 13 AWM 2570 80°C 600V

white/blue & blue,

white/orange & orange,

white/green & green, white/brown & brown

Canada: c(UL) CMG

Additional: RoHS 2

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	PoE	Nom outer di in		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
CAT.5e										
2170450	22 AWG/4pr	7 wire	PVC	green	UL CMR, UL AWM, PLTC, 600V	yes	0.380	9.6	77	53112230