

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

- Conductors:** stranded bare copper
- Pairs:** 4 pairs twisted together
- Insulation:** thermoplastic-based insulation
- Shielding:** foil and tinned copper braid
- Jacket:** PVC; green

Recommended applications

Flexible applications, cable trays, industrial machinery, plant infrastructure

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

Approvals



Cable attributes		page 648	Complete the installation		ÖLFLEX® CONNECT solution
OIL	OR-02	FLAME	FR-05	SKINTOP® MS-SC	ÖLFLEX® CONNECT CABLES page 605
MOTION	FL-02	MECH.	MP-01	90° RJ45 connectors	
					page 259

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
- Nominal voltage:** 600V (not for power applications)
- Characteristic impedance:** 100Ω ± 15Ω (1 - 100 MHz)
- Color code:** white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
- Approvals:**
 - UL: CMR per UL 444, CMG per UL 444, PLTC per UL 13, AWM 2570 80°C 600V
 - Canada: c(UL) CMG
 - Additional: RoHS 2

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	PoE	Nominal outer diameter in	Nominal outer diameter mm	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

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.