

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



EtherNet/IP

Cable attributes		page 648	
OIL	OR-02	FLAME	FR-05
MOTION	FL-02	MECH.	MP-01

Complete the installation	
SKINTOP® MS-SC page 522	90° RJ45 connectors page 259

ÖLFLEX® CONNECT solution	
ÖLFLEX® CONNECT CABLES page 605	

Technical data

Minimum bend radius: - for stationary use: 10 x cable diameter - for flexible use: 15 x cable diameter	Color code: white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
Temperature range: - for stationary use: -40°C to +80°C - for flexible use: -25°C to +80°C	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
Nominal voltage: 600V (not for power applications)	
Characteristic impedance: 100Ω ± 15Ω (1 - 100 MHz)	

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

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