

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

Approvals



Cable Attributes		page 640	
OIL	OR-02	FLAME	FR-05
MOTION	FL-02	MECH.	MP-01

Complete the Installation	
SKINTOP® MS-SC page 516	90° RJ45 Connectors page 253

ÖLFLEX® CONNECT Solution	
ÖLFLEX® CONNECT CABLES page 597	

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	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										
2170450	22 AWG/4pr	7 wire	PVC	Green	UL CMR, UL AWM, PLTC, 600V	No	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. For current information go to our website.