

LT-CAT5e-IND-xxMT

Industrial LAN CAT5e F/UTP Cable (2003B)

The Lamatel LT-CAT5e-IND-xxMT is a high-performance industrial-grade CAT5e F/UTP cable, designed for reliable data transmission in demanding environments.

Engineered with sunlight and oil-resistant materials, this cable ensures long-term durability and stable performance in outdoor and industrial applications. It features a shielded 4-pair construction and is supplied on a reel for convenient installation.

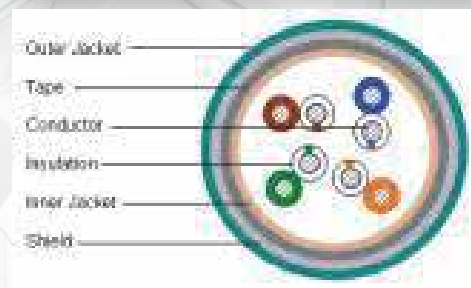
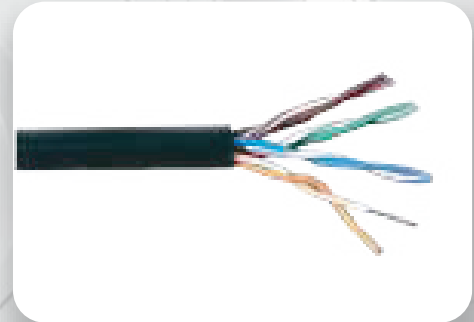
Available lengths: 15 m, 30 m, 75 m, and 90 m

Key Features

- Industrial-grade sunlight & oil resistant jacket
- Shielded F/UTP construction for reduced interference
- 4-pair solid copper conductors for stable signal transmission
- Designed for non-plenum (CMR) installations
- High durability for harsh environments

Technical Specifications

General Specifications	
Cable Type	F/UTP (Shielded)
Category	CAT5e
Pairs	4
Conductor Gauge	24 AWG
Conductor Type	Solid
Total Conductors	8
Packaging	Reel
Cable Type Use	Horizontal
Safety Voltage Rating	300 V
Physical Dimensions	
Cable Length	305 m (1000 ft)
Cable Weight	45.25 lb/kft
Outer Diameter	7.544 mm (0.297 in)
Inner Jacket Diameter	5.715 mm
Shield Diameter	5.944 mm
Jacket Thickness	0.508 mm



Application:

- Industrial Ethernet networking
- Outdoor LAN installations
- Factory automation and control systems
- Data communication in harsh environments
- Building backbone and horizontal cabling
- Commercial network infrastructure
- Warehouse, telecom, and utility installations

Construction Materials	
Conductor	Bare copper
Insulation	Polyolefin
Inner Jacket	PVC
Outer Jacket	PVC (Black)
Shield Braid	Tinned copper (65% coverage)
Shield Tape	Aluminum / Polypropylene / Aluminum
Electrical Specifications	
Installation Temperature	0°C to +60°C
Operating Temperature	-40°C to +75°C
Environment Rating	Non-Plenum (CMR)
Flame Test Standard	CMR
Mechanical Specifications	
Maximum Pulling Tension	11 kg (25 lb)

