

# LEXCO CAT6E UTP OUTDOOR 305M

## Product Datasheet

### Product Specifications

Product Type: Category 6E Unshielded Twisted Pair (UTP) Outdoor Network Cable

Category: Cat6E / Enhanced Category 6

Port Count: 4 pairs (8 conductors)

Mounting: Outdoor installation, aerial, direct burial, conduit

Rack Height: N/A (Bulk cable spool)

Cable Length: 305 meters (1000 feet) per box

Termination Type: RJ45 connectors (not included, for field termination)

Wiring Standard: T568A/T568B compatible

Contact Material: 23 AWG bare copper conductors

Conductor Material: Solid copper for optimal performance

Insulation Material: High-density polyethylene (HDPE)

Panel Material: PE (Polyethylene) outer jacket with UV resistance

Color: Black (UV-resistant outdoor-rated)

Cable Management: Suitable for outdoor horizontal cabling and direct burial

Labeling: Sequential meter markings for easy measurement and cutting

Performance: Supports up to 1 Gbps (Gigabit Ethernet) and up to 10 Gbps for shorter runs

Bandwidth: 550 MHz

Maximum Transmission Distance: 100 meters for Gigabit Ethernet

Impedance: 100 Ohms plus or minus 15 Ohms

Weather Resistance: UV-resistant, waterproof, suitable for harsh outdoor conditions

Operating Temperature: -40°C to 75°C (-40°F to 167°F)

Storage Temperature: -40°C to 85°C (-40°F to 185°F)

Humidity: 0% to 100% relative humidity (outdoor rated)

Application: Outdoor IP cameras, PoE devices, long-distance network runs, security systems

Compliance: TIA/EIA-568-B.2, ISO/IEC 11801, RoHS compliant, ETL listed

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### About IT&E Electric

IT&E Electric is a Ghana-based electrical company delivering safe, reliable, and professional electrical services for residential, commercial, and industrial needs.

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