

# Kico Cat 6 Outdoor UTP Cable

## 305M Roll

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### Technical Specifications

<b>Product Type:</b>	Outdoor Network Cable
<b>Category:</b>	Cat 6 UTP (Unshielded Twisted Pair)
<b>Cable Length:</b>	305 Meters (1000 feet) per roll
<b>Conductor Type:</b>	Bare copper, 23 AWG (American Wire Gauge)
<b>Number of Pairs:</b>	4 twisted pairs (8 conductors)
<b>Jacket Material:</b>	UV-resistant PE (Polyethylene) for outdoor use
<b>Insulation Material:</b>	High-density polyethylene (HDPE)
<b>Impedance:</b>	100 Ohms $\pm$ 15 Ohms
<b>Bandwidth:</b>	Up to 250 MHz
<b>Data Rate:</b>	Up to 1 Gigabit Ethernet (1000BASE-T), supports 10GBASE-T up to 55m
<b>Maximum Distance:</b>	100 meters for Gigabit Ethernet
<b>Outdoor Rating:</b>	UV-resistant, weatherproof jacket for outdoor installations
<b>Temperature Rating:</b>	-40°C to +75°C (-40°F to +167°F)
<b>Installation Temp:</b>	-10°C to +60°C (14°F to +140°F)
<b>Cable Diameter:</b>	Approximately 6.0mm - 6.5mm
<b>Tensile Strength:</b>	High tensile strength for aerial and underground use
<b>Bend Radius:</b>	Minimum 4 times cable diameter during installation
<b>Flame Rating:</b>	CMX rated for outdoor use
<b>Return Loss:</b>	Greater than 20dB at 250 MHz
<b>Compliance Standards:</b>	TIA/EIA 568-C.2, ISO/IEC 11801, EN 50173
<b>RoHS Compliant:</b>	Yes
<b>Application:</b>	Outdoor networking, IP surveillance cameras, PoE devices, campus networks
<b>Features:</b>	Weather-resistant, sunlight-resistant, water-resistant jacket
<b>Installation:</b>	Suitable for aerial runs, conduit, direct burial applications
<b>Color Options:</b>	Black (standard outdoor color)
<b>Warranty:</b>	Manufacturer warranty (terms apply)

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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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