

Enhance Cat6 UTP 23 AWG High-Speed Indoor Network Cable 305m – Grey



PRODUCT OVERVIEW

The Enhance Cat6 UTP High-Speed Network Cable is designed for structured Ethernet cabling in residential, commercial and office environments. It features 23 AWG solid copper conductors, an unshielded twisted-pair (UTP) construction and a durable grey PVC jacket.

Supplied in a 305m (1000ft) roll, the cable is suitable for network installations connecting workstations, switches, patch panels and compatible IP devices. The supplied specifications state ETL verification to ANSI/TIA-568-C.2 Category 6 and ISO/IEC 11801 requirements, subject to confirmation of the applicable certification documentation.

KEY FEATURES

Category 6 network cable:	Designed for compatible high-speed Ethernet installations.
UTP construction:	Twisted pairs designed to help reduce crosstalk
23 AWG conductors:	Specified conductor gauge for structured network cabling
Durable PVC jacket	Provides an outer covering for indoor cable routing.
Gigabit Ethernet applications	Intended for compatible network installations
Multiple colour options	Grey, with blue and orange also listed as available options.
305m / 1000ft roll	Suitable for larger structured cabling projects.
Standards compliance claims	ETL verification to ANSI/TIA-568-C.2 Category 6 and ISO/IEC 11801, subject to documentation verification.

APPLICATION	TYPICAL USE
Office networks	Connecting workstations, switches and network outlets
Residential networks	Ethernet connections throughout a home
Commercial installations	Network cabling for offices and business premises
IP telephones	Network connectivity for compatible VoIP phones
Server rooms	Connecting compatible network equipment
IP surveillance	Network connectivity for compatible IP cameras

CAT6e Cable Construction

1: 23 AWG Solid Bare Copper Conductor

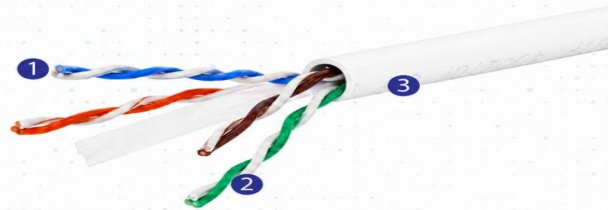
Reliable Performance
and Connectivity

2: 4-Pair UTP Construction

Supports Consistent CAT6e
Signal Performance

3: PVC Jacket

CMP Plenum, Flame Retardant
and Code Compliant



Technical Specifications

SPECIFICATION	DETAILS
Model	ENC-UTP601-GRY
Cable Category / Type	Category 6 (Cat6) / UTP – Unshielded Twisted Pair
Installation Environment	Indoor
Conductor Gauge	23 AWG
Conductor Material	Copper
Jacket Material	PVC
Jacket Colour	Grey
Package Quantity	305m/1000ft
Standards Compliance	ETL verified to ANSI/TIA-568-C.2 Category 6 and ISO/IEC 11801;
Typical Applications	Ethernet networks, workstations, switches and compatible IP devices

TECHNICAL DETAILS

Solid Copper Conductors: The cable is specified as using 23 AWG solid copper conductors. Solid copper is commonly used in structured cabling and has different electrical characteristics from copper-clad aluminum (CCA) cable. Confirm the conductor material against the manufacturer's technical documentation.

UTP Construction: The unshielded twisted-pair design uses twisted conductor pairs to help manage crosstalk and maintain signal integrity. As a UTP cable, it does not have an overall metallic shield.

PVC Jacket: The PVC jacket provides an outer protective covering and supports cable routing through suitable installation pathways. Confirm the jacket's fire-performance rating and environmental suitability before specifying particular installation locations.

Network Performance: Category 6 cabling is designed to support compatible Gigabit Ethernet applications. Actual performance depends on cable compliance, installation quality, channel length and connected equipment.

Standards Compliance: The supplied product information reports ETL verification to ANSI/TIA-568-C.2 Category 6 and ISO/IEC 11801. Obtain documentation applicable to the exact model before publishing these claims as verified certifications.

Cable Length: The 305m (1000ft) Specification represents the roll's supply length, not the permitted length of a single Ethernet connection. Standard twisted-pair ethernet channels are generally limited to 100m, including the application permanent link and patch-cord allowance.

