

Cable Network RG45 UTP Cat6 Ultra6 305M Gray

Ultra6 RJ45 UTP Cat6 Network Cable – 305m Roll

Reliable Structured Cabling Solution

1. Product Overview

The Ultra6 RJ45 UTP Cat6 Network Cable (305m) is a high-performance structured cabling solution engineered for reliable and stable networking applications.

Designed for office networks, CCTV installations, and professional infrastructure projects, the cable supports data transmission speeds up to 1Gbps and Power over Ethernet (PoE).

Manufactured with 4 pairs of 24 AWG (0.48mm) high-quality CCA conductors, HDPE insulation, and PE internal spacers, it ensures minimal crosstalk and consistent signal performance.

The durable PVC outer jacket allows safe indoor and outdoor installation, making it suitable for contractors and professional installers.

2. Key Functional Features

- Full Roll Length: 305 Meters
- Category: Cat6 RJ45 UTP
- Supports Data Transfer Up to 1Gbps
- Supports Power over Ethernet (PoE)
- 4K Signal Transmission via Extender Up to 60m
- Low Crosstalk & Stable Data Transmission
- 4 Twisted Pairs – 24 AWG (0.48mm) CCA Conductors
- HDPE Insulation
- PE Internal Cross Spacer
- Durable PVC Jacket
- Suitable for Indoor & Outdoor Installations
- Ideal for Offices, CCTV, Structured Cabling & Contractors
- Lifetime Warranty (Indoor) / 5-Year Warranty (Outdoor)

3. Technical Specifications

Electrical & Performance Specifications

Item	Specification
Cable Category	Cat6 UTP
Transmission Speed	Up to 1Gbps
PoE Support	Yes
4K Transmission	Up to 60m via Extender
Crosstalk	Low
Application	Data / CCTV / Networking

Conductor & Structure Specifications

Item	Specification
Conductor Type	CCA (Copper Clad Aluminum)
Conductor Size	24 AWG (0.48mm)
Number of Pairs	4 Twisted Pairs
Insulation	HDPE
Internal Structure	PE Cross Spacer
Outer Jacket	PVC
Roll Length	305 Meters

4. Application Areas

- Government Institutions
- Corporate Office Networks
- CCTV & Surveillance Systems
- Structured Cabling Projects
- Contractors & Professional Installers

5. Warranty & After-Sales Support

Installation Type	Warranty
Indoor Use	Lifetime Warranty
Outdoor Use	5 Years Warranty

All rolls are factory-tested and supplied sealed and ready for professional installation.

