

Cable Network RG45 UTP Cat6 Super Ultra6 305M Orange

Super Ultra6 RJ45 UTP Cat6 Network Cable – 305m Roll

High-Speed Structured Cabling Solution

1. Product Overview

The Super Ultra6 RJ45 UTP Cat6 Network Cable (305m) is a professional-grade structured cabling solution engineered for high-speed, stable, and long-distance networking applications.

Designed for office networks, CCTV systems, structured cabling infrastructure, and contractor installations, the cable supports data transmission speeds up to 1Gbps and Power over Ethernet (PoE). Manufactured with 4 pairs of 23 AWG (0.56mm) high-quality CCA conductors, HDPE insulation, PE internal spacers, and advanced dual shielding (Aluminum foil + 64% CCA braid), it ensures minimal crosstalk, enhanced signal stability, and reliable performance.

The durable PVC jacket makes it suitable for both indoor and outdoor installations.

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 90m
- Low Crosstalk & Stable Data Transmission
- 4 Twisted Pairs – 23 AWG (0.56mm) CCA Conductors
- HDPE Insulation
- PE Internal Cross Spacer
- Dual Shielding: Aluminum Foil + 64% CCA Braid
- 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
Transmission Speed	Up to 1Gbps
PoE Support	Yes
4K Transmission	Up to 90m via Extender
Crosstalk	Low
Application	Data / CCTV / Networking

Conductor & Structure Specifications

Item	Specification
Conductor Type	CCA (Copper Clad Aluminum)
Conductor Size	23 AWG (0.56mm)
Number of Pairs	4 Twisted Pairs
Insulation	HDPE
Internal Structure	PE Cross Spacer
Shielding	Aluminum Foil + 64% CCA Braid
Outer Jacket	PVC
Roll Length	305 Meters

4. Application Areas

- Government Institutions
- Corporate Office Networks
- CCTV & Surveillance Systems
- Data Centers (Access Layer)
- 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.

