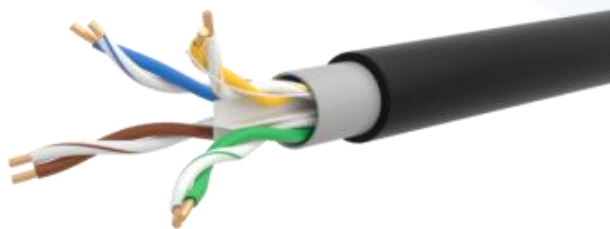


# Category 6 UTP Double Sheath Anti-Rodent Cable



High Speed Gigabit Ethernet U/UTP 250 MHz Class E / Category 6 Outdoor Anti-Rodent Cable Consists of HDPE Insulated 8 x 23AWG Solid Bare Electrolytic Grade Copper Conductors Twisted as 4 Pairs, LSZH Inner Jacket and PE Outer Jacket. The rugged construction of this cable is ideal for outdoor installation. The cable supports Gigabit Ethernet Applications and is compatible with all known connection systems. This cable guarantees Category 6 performance ensuring maximum network speed, data throughput and efficiency.

## Features

- Complies to ANSI-TIA 568.2-D for Category 6 & ISO/IEC 11801 for Class E
- Fire Rating better than IEC 60332-1
- Cable Characterized up to 250 MHz
- The outer sheath complied with Anti rodent properties.
- Covered under 3C3® Performance Warranty

## Mechanical Specifications

Conductor AWG	: 23
Conductor Material	: Solid bare Copper
Conductor Count	: 8
Insulation Material	: High Density Polyethylene
Pairing	: 2 insulated conductors twisted together
No. of pair	: 4
Color Code	
Pair #1	: Blue, White and Blue
Pair #2	: Orange, White and Orange
Pair #3	: Green, White and Green
Pair #4	: Brown, White and Brown
Inner Sheath	: LSZH
Anti-Rodent Property	: Imparted through additives in Outer jacket
Outer Sheath	: PE
Outer Sheath Color	: Black
Outer Sheath Thickness	: 0.6mm
Overall cable diameter	: 7.2±0.2mm
Sequential Marking	: At every meter
RIP Cord	: Yes
Cross filler	: HDPE

# Category 6 UTP Double Sheath Anti-Rodent Cable

## Electrical Specifications

Characteristic Impedance	: 100Ω±15%
Conductor Resistance (DC)	: ≤9.38Ω/100m
Resistance Unbalance	: 5% max
Mutual Capacitance	: <5.6nF/100m
Capacitance Unbalance	: 330pF/100m
Delay Skew	: <45ns
NVP	: 69%
Bending radius	: 8 x cable diameter
Pulling force	: 11.5kg
Maximum propagation delay @250MHz	: 490ns/90m

Frequency	Max. IL (dB)	Min. NEXT (dB)	Min PSNEXT (dB)	Min ACRF (dB)	Min PSACRF (dB)	Min RL (dB)
250MHz	<32.8	>38.3	>36.3	>19.8	>16.8	>17.3

## Environmental Specifications

Installation Temperature	: 0°C to 50°C
Storage Temperature	: -20°C to +75°C
Operating Temperature	: -20°C to +70°C

## Flame Properties

Flammability Test	: IEC 60332-1
Acid Gas Emission Test	: IEC 60754-1
Smoke Density Test	: ASTM 2843

## Standard Compliances/Certifications

- RoHS Certified

## Ordering Information

**Product Code**  
10200-0046

### Description

High Speed Gigabit Ethernet UTP 250 MHz Class E Double Sheath, Anti Rodent, Inner LSZH, Outer PE Outdoor Cable, C6