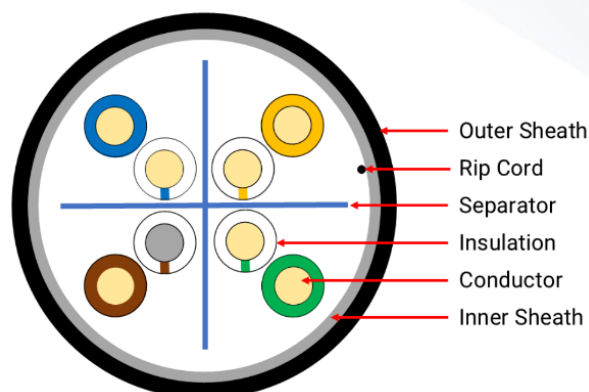


Category 6 UTP Double Sheath Cable



High Speed Gigabit Ethernet UTP 250 MHz Class E / Category 6 Cable Consists of HDPE Insulated 8 x 23AWG Solid Bare Electrolytic Grade Copper Conductors Twisted as 4 Pairs, Rip Cord and LSZH Inner Jacket and PE Outer Jacket. This Cable is Suitable for Gigabit Ethernet (1000Base-T) applications for High-Speed Data, Voice & Video Signals over LANs, Other Bandwidth Sensitive Indoor & Outdoor Applications. 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 as per IEC 60332-1
- Cable Characterized up to 250 MHz
- 4 Pair Separator Design
- Covered under 3C3® Performance Warranty

Mechanical Specifications

Conductor AWG	: 23
Conductor Material	: Solid bare Copper
Conductor Count	: 8
Insulation Material	: High Density Polyethylene
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
Outer Sheath	: PE
Outer Sheath Color	: Black
Outer Sheath Thickness	: 0.7mm
Overall cable diameter	: 7.5 ± 0.5mm
RIP Cord	: Yes
Cross filler	: HDPE

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Electrical Specifications

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

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	: -10°C to +60°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
10200-0086

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