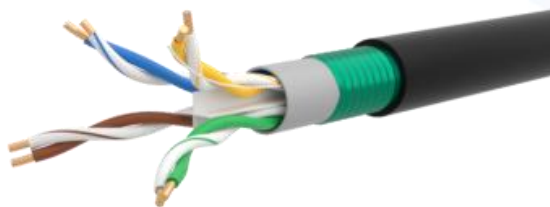


# Category 6 UTP ECCS Armored Cable



High Speed Gigabit Ethernet UTP 250MHz ECCS Armored Class E / Category 6 Cable Consists of HDPE Insulated 8 x 23AWG Solid Bare Electrolytic Grade Copper Conductors Twisted as 4 Pairs, LSZH Inner Sheath, Electrolytic Chrome-coated Corrugated Steel Tape Armoring covered with PE Outer Sheath. This cable offers superior Electrical performance meeting 1000Base-T requirement. 3C3® Armored cables can be used for wide range of industrial environments/application that requires no signal drops or interference.

## Features

- Complies to ANSI-TIA 568.2-D for Category 6, ISO/IEC 11801 for Class E
- Cable Characterized up to 250 MHz
- Electrolytic Chrome-coated Corrugated Steel Tape Armoring
- Maximum throughput, reliability and performance
- 4 Pair Separator Design
- Covered under 3C3® Performance Warranty

## Mechanical Specifications

Conductor AWG	: 23
Conductor Material	: Solid bare Copper
Conductor Count	: 8
Insulation Material	: 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
Armoring	: ECCS Tape
Inner Sheath	: LSZH
Outer Sheath	: PE (UV Resistance)
Outer Sheath Color	: Black
Overall cable diameter	: 10.5±0.5mm
RIP Cord	: Yes
Cross filler	: HDPE
Nominal Weight	: 40Kg±5%

# Category 6 UTP ECCS Armored Cable

## 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	: -20°C to +60°C

## Flame Properties

Flammability Test	: IEC 60332-1
Acid Gas Emission Test	: IEC 60754-1
Smoke Density Test	: ASTM 2843, IEC 61034

## Standard Compliance/Certifications

- RoHS Certified

## Ordering Information

**Product Code**  
10200-0026

### Description

High Speed Gigabit Ethernet UTP 250MHz ECCS tape Armored, Inner LSZH, Outer PE Class E Cable, C6