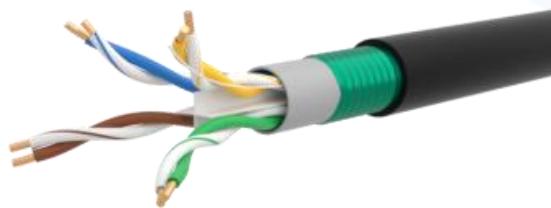


Category 6 UTP ECCS Armored Cable



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%

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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	:	-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	Description
10200-0026	High Speed Gigabit Ethernet UTP 250MHz ECCS tape Armored, Inner LSZH, Outer PE Class E Cable, C6