



## Media 6 6504+ Cat 6 U/UTP Cable, 23AWG, 4-Pair, Bare Copper, Plenum, PVC Jacket, Blue

Media 6® is CommScope's Category 6 copper connectivity solution that's guaranteed to exceed channel performance specification.

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Automotive Cable](#), [Coaxial Cables](#), [Control and Power Cable](#), [DS3 Coaxial Cables](#), [Exchange Cable and Distribution Cable](#), [Fiber and Cable](#), [Flat Cable](#), [Hook-up Wire and Leadwire](#), [Indoor Fiber Optic Cable](#), [Indoor/Outdoor Fiber Optic Cable](#), [Instrumentation and Thermocouple Cable](#), [Multi-pair/Multi-conductor Cable](#), [Outdoor Fiber Optic Cable](#), [Power Supply Cords](#), [Shipboard Cable](#), [Voice and Data Cable](#)

### Product Description

#### Description

#### Media 6 Uniprise Copper Solutions

Media 6® is CommScope's Category 6 copper connectivity solution that's guaranteed to exceed channel performance specification. This twisted-pair solution delivers 1dB headroom for PSNEXT, 1dB headroom for PSELFEXT and one percent improvement in insertion loss. Media 6 is designed to work well with a wide spectrum of applications, including high-speed, full-duplex and parallel transmission protocols - making it ideally suited for Gigabit Ethernet, broadband video, 155Mbps ATM, 100Mbps TP-PMD/CDDI and Voice over IP (VoIP). For applications where electromagnetic interference is common, or where shielding is required for network security, Media 6 is also offered as a screened Cat 6 solution. These Category 6 cables are manufactured with a patented pair isolator, which further provides separation of the pairs and enhanced crosstalk performance.

- Flexible jacket strips cleanly and resists kinking
- 1,000 to 0 footage markers every two feet
- Available in reels
- Test report available online

### Specification Description

Characteristic Impedance: 100 ohm Number of Conductors: 8 dc Resistance Unbalance (Max): 5% dc Resistance (Max): 6.66 ohms/100 m Delay Skew (Max): 45 ns Diameter Over Jacket: 5.461 mm (0.215 in) Dielectric Strength (Min): 1.5 kVAC (2.5kVDC) Enviroal Space: Plenum Flame Test Method: CMP Installation Temperature: 0 C to +60 C (+32 F to +140 F) Insulation Material: FEP (Polyolefin) Jacket Color: Blue Jacket

Material: PVC Jacket Thickness: 0.483 mm (0.019 in) Mutual Capacitance: 5.6 nF/1001 kHz Nominal Velocity of Propagation (NVP): 73% Operating Frequency (Max): 250 MHz Operating Temperature: -20 C to +60 C (-4 F to +140 F) Packaging Type: CommPak box Pulling Tension (Max): 11 kg (25 lb) Safety Voltage Rating: 300 V Separator ial: FEP Separator Type: Tape separator Smoke Test Method: CMP Transmission Standards: ANSI/TIA-568-C.2, CENELEC EN 50288-6-1, ISO/IEC 11801 Class E

Specifications:

Category	CATEGORY 6
Conductor Size	23 AWG (AMERICAN WIRE GAUGE)
Conductor Type	SOLID
Conductor/Pair Count	4 PAIR
Fire Rating	PLENUM
Jacket Color	BLUE
Shielded	U/UTP - UNSHIELDED TWISTED PAIR
Type	DATA
UNSPSC Code	26121609

---