



Our snag-less shielded CAT6A Patch Cables are CM rated for network speeds of up to 10G and feature ANSI/TIA 568C.2 wiring, a PVC jacket, 26AWG, stranded bare copper and RJ45 connectors featuring gold-plated contacts with molded strain-relief boots. (UL/ETL/RoHS)

#### Applications

- 1000 BASE-T; 100 BASE-T; 10 BASE-T (IEEE 802.3)
- 4/16 Mbps Token Ring (IEEE 802.5); 100 VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5); 55/155 Mbps ATM
- T1 Voice

#### Cable Features

- Speeds up to 10G
- Meets or Exceeds CAT6A T568C.2 Standards
- Molded Strain-Relief Boot Design
- Available in Multiple Colors
- Available in Multiple Lengths
- PoE and PoE+ Ready
- Backwards Compatible to Category 6, 5e, 5

#### Compliance

- ANSI/TIA-568-C.2 Category 6A
- PVC Jacket
- CM Rated
- RoHS Compliance for the Requirement of European Union Issued Directive 2002/95/EC

#### Physical Characteristics

- Conductor Size: 26AWG
- Conductor Material: Stranded Bare Copper
- Number of Conductors: 8 Conductors
- Number of Pairs: 4 Pairs
- Outer Jacket Material: PVC (Complies RoHS)
- Contact Material: Copper
- Contact Plating: Gold Plated

#### Electrical Test

- 100% open short & miss wire test
- Insulator Resistance: DC300V 10 Mohm min.
- Connector Resistance: 2 ohm max.

## CAT6A Snag-less Patch Cable Molded Shielded with RJ45 Plugs

# CAT6A

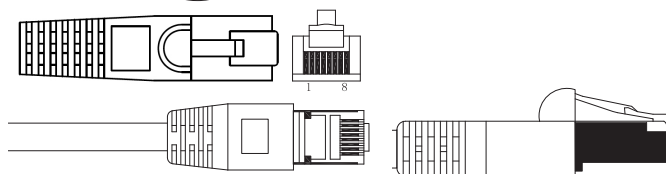


#### Technical Diagram



#### Available Colors

● Blue Item# PC6AS-####-#BL



#### Pin-Out Color Code Chart

| Pair | P1 (T568B) | Wire Colors  | P2 (T568B) |
|------|------------|--------------|------------|
| 2    | 1          | White/Orange | 1          |
|      | 2          | Orange       | 2          |
| 3    | 3          | White/Green  | 3          |
|      | 6          | Green        | 6          |
| 1    | 4          | Blue         | 4          |
|      | 5          | White/Blue   | 5          |
| 4    | 7          | White/Brown  | 7          |
|      | 8          | Brown        | 8          |

#### Applications

- 1000 BASE-T, 100 BASE-T, 10 BASE-T (IEEE 802.3)
- Government:
  - Machinery
  - RF Equipment
  - High power Areas
- Medical - Health Care
  - X-Ray
  - MRI
  - Monitoring Machinery
  - High Power Areas
- Financial
  - Multiple Video Feeds
  - Electronic Security
- Entertainment - Gaming Industry
  - Theme Parks
  - High Power Areas
- Higher Education
  - Laboratories
  - Engineering
  - Science
  - High Power Areas
  - Entertainment Facilities
- Industry - Manufacturing
  - Processing

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