

Our snag-less S/FTP 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)Outer Shield Material: Braiding
- · Individual Shield Material: Aluminum Foil/Mylar
- Contact Material: Copper
- · Contact Plating: Gold Plated

#### **Electrical Test**

- 100% open short & miss wire test

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# CAT6A Snag-less Patch Cable Molded S/FTP with RJ45 Plugs



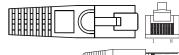


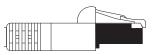


## **Technical Diagram**









## Pin-Out Color Code Chart

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

### **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 ManufacturingProcessing

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------ PrimusCable.com - (951) 824-1571



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