

# CAT6a Antibacterial/Antimicrobial Shielded Patch Cables

[www.vpi.us/standard-patch-cables/antibacterial-cat6a-shielded-cable-2011](http://www.vpi.us/standard-patch-cables/antibacterial-cat6a-shielded-cable-2011)

- Reduces the risk of spreading bacteria and germs as a result of touching the patch cord.
- Antibacterial/antimicrobial ability confirmed by ISO 22196:2011 independent lab test results.
  - Escherichia coli (E. coli) ATCC 8739 >99.9%
  - Staphylococcus aureus (staph) ATCC >99.9%
- Rated for Category 6a 10 Gigabit Ethernet applications.
  - Use to connect a network card to a 10/100/1000/10GBase-T hub or switch.
- 500MHz bandwidth.
- Snagless strain relief boots prevent excessive bending while reducing stress on the cable.
- Shielded cable wired straight through.
- Wire Gauge: 26AWG
- Complies with TIA/EIA 568B standard.
- Suitable for use at high temperatures up to 167°F (75°C).
- Available lengths: 1/2/3/5/7/10/15/25/35/50 feet.
- Color: white



**CAT6A-AB-xx-WHITE-SHLD**

VPI's CAT6a Antibacterial/Antimicrobial Shielded Patch Cables are made with antibacterial material proven 99.9% effective in inhibiting bacteria, such as E. coli and staph. The bacteriostatic material is used on the RJ45 plug, boot, and PVC jacket.

## Specifications

- 26AWG stranded S/FTP CAT6a
- 8x8 (RJ45) plugs.
- Exterior jacket: Antibacterial PVC
- Cable diameter: 0.24 in (6.00 mm) ± 0.2mm
- Bandwidth: 500MHz.
- 50-micron gold plated contacts
- Complies with TIA/EIA 568B standard.
- Voltage rating: 30V
- Available lengths: 1/2/3/5/7/10/15/25/35/50 feet.
- Color: white

### Environmental

- Operating Temperature: -4 to 167°F (-20 to 75°C)

### Environmental

- RoHS
- Antibacterial ability tested by ISO 22196:2011
  - Escherichia coli (E. coli) ATCC 8739 >99.9%
  - Staphylococcus aureus (staph) ATCC >99.9%

### Overall Antibacterial

CAT6a S/FTP 10G cable with RJ45 plug, snagless boot, and PVC jacket made with bacteriostatic material proven 99.9% effective in inhibiting bacteria, such as E. coli and staph.

