

Safe-IT High-Speed DisplayPort Antibacterial Cable with Latching Connectors (M/M), UHD 4K 60 Hz, 6 ft. (1.83 m)

MODEL NUMBER: P580AB-006



DisplayPort cable with antibacterial properties connects audio/video components to a 4K display in your home theater or digital signage application.

Features

4K DisplayPort Cable Connects Home Theater or Digital Signage Audio/Video Components

This high-speed DisplayPort cable securely connects laptops, tablets, PCs, Blu-ray players, game consoles, satellite/cable TV receivers and other devices with DisplayPort outputs to HDTVs, HD monitors, projectors or home theater receivers with DisplayPort inputs. The 4K P580AB-006 is backward compatible with all your existing DisplayPort devices.

Provides Extra Protection Against Certain Bacteria

The molded connectors and PVC jacket are constructed using an antibacterial material that is effective in inhibiting the growth of *Escherichia coli* (E. coli) and *Staphylococcus aureus* (staph). This added protection makes this cable an ideal solution for medical facilities, schools, businesses, restaurants/kitchens and anywhere else that needs extra protection against bacteria.

Transmits Crystal-Clear True 4K Video with Audio and 4:4:4 Color

The P580AB-006 supports Ultra HD resolutions up to 4K. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. The cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Latching Connectors Help Prevent Accidental Disconnection and Expensive Downtime

Having a cable come loose accidentally can mean costly and time-consuming signal loss. The latching DisplayPort connectors help you avoid such danger, protecting your audio/video transmission by maintaining a secure link without failure. The latching cable is also invaluable when moving equipment in a rack or removing equipment from tight areas, ensuring the cord always stays connected.

Premium Construction for Superior Performance

The P580AB-006 features foil and braid shielding that ensures reliable, error-free signal quality and protection from EMI/RFI line noise that can distort or destroy data. Gold-plated contacts provide maximum conductivity and minimum data loss to guarantee a clear transmission free of interference. Integral strain relief gives the cable extra flexibility, reduces stress and helps the cable move freely without cracking or breaking loose from the connector.

Highlights

- Supports UHD resolutions up to 4K (4:4:4) for crystal-clear video
- Made with antibacterial material proven effective in inhibiting the growth of E. coli and staph
- Latching DisplayPort connectors help prevent cable from coming loose accidentally
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 4K video from a Blu-ray player, game console, laptop or tablet on a 4K television, monitor or projector
- Provide extra protection against bacteria to give cable installers and IT personnel peace of mind during installation
- Connect a Windows laptop to a conference table's A/V box to give a video presentation on a large screen
- Play online or PC video games that display optimal graphics
- Send 4K video content to digital signs or point-of-sale displays

Package Includes

P580AB-006 High-Speed DisplayPort Antibacterial Cable, M/M, Black, 6 ft.

Specifications

| OVERVIEW | |
|--|-------------------------|
| UPC Code | 037332261106 |
| Product Type | Passive Cable |
| Technology | DisplayPort |
| Cable Type | Passive |
| VIDEO | |
| Max Supported Video Resolution | 3840 x 2160 (4K) @ 60Hz |
| Max Supported Color Depth | 24-bit True Color |
| HDR Support | No |
| 3D Video Supported | Yes |
| Chroma Sub Sampling | 4:4:4 |
| EDID Support | Yes |
| Signal Transmission | Bidirectional |
| AUDIO | |
| Audio Specification | Stereo Audio |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | 0 |
| PHYSICAL | |
| Color | Black |
| Material of Construction | PVC + ABS |
| Cable Jacket Color | Black |
| Connector Color | Black |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | VW-1 |
| Cable Outer Diameter (OD) | 6.0 mm |
| Wire Gauge (AWG) | 30 |
| Cable Length (ft.) | 6 |
| Cable Length (m) | 1.83 |
| Cable Length (in.) | 72 |
| Ferrite Core | No |
| Minimum Bend Radius | 60mm |

| | |
|--|---|
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50 |
| Shipping Weight (kg) | 0.09 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 113°F (0° to 45°C) |
| Storage Temperature Range | -40° to 176°F (-40° to 80°C) |
| Operating Humidity Range | 10% to 85% RH, Non-Condensing |
| Storage Humidity Range | 5% to 90% RH, Non-Condensing |
| COMMUNICATIONS | |
| Consumer Electronics Control (CEC) Supported | Yes |
| CONNECTIONS | |
| Side A - Connector 1 | DISPLAYPORT (MALE) |
| Side B - Connector 1 | DISPLAYPORT (MALE) |
| Connector Plating | Nickel |
| Contact Plating | Gold |
| Connector Style | Straight |
| Latching or Gripping Connector | Yes |
| FEATURES & SPECIFICATIONS | |
| Antimicrobial | No |
| EMI/RFI Line Noise Protection | No |
| MST Support | No |
| Antibacterial | Yes |
| IP68 Rated | No |
| IP20 Rated | No |
| Armored Cable | No |
| Ethernet Support | Yes |
| Displayport Specification | 1.2 |
| HDCP Specification | 1.4 |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); UL 1778 |
| Product Compliance | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE |
| WARRANTY & SUPPORT | |

TRIPP-LITE

by **EATON**

1000 Eaton Boulevard
Cleveland, OH 44122
United States

| | |
|--|---------------------------|
| Product Warranty Period (Worldwide) | Lifetime limited warranty |
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