

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

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 99.9% effective in inhibiting 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 4096 x 2160 (4K x 2K) at 60 Hz. 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 @ 60 Hz (4:4:4) for crystal-clear video
- Made with antibacterial material proven 99.9% effective in inhibiting 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
Technology	DisplayPort
<b>VIDEO</b>	
Max Supported Video Resolution	4096 x 2160 60HZ (4K)
Max Supported Color Depth	24-bit True Color
Chroma Sub Sampling	4:4:4
<b>PHYSICAL</b>	
Color	Black
Cable Outer Diameter (OD)	6.0MM
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Wire Gauge (AWG)	30
Cable Length (ft.)	6
Cable Length (m)	1.8
Cable Length (in.)	72
Ferrite Core	No
Material of Construction	PVC + ABS
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 TO 113 F (0 TO 45 C)
Storage Temperature Range	14 TO 158 F (-10 TO 70 C)
Operating Humidity Range	10% TO 85% RH, NON-CONDENSING
Storage Humidity Range	5% TO 90% RH, NON-CONDENSING
<b>CONNECTIONS</b>	
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)
Connector Plating	Nickel
Contact Plating	Gold
<b>FEATURES &amp; SPECIFICATIONS</b>	
Displayport Specification	1.2
HDCP Specification	2.2
<b>SPECIAL FEATURES</b>	



**Tripp Lite**  
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Latching Connector	Yes
Antibacterial	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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