

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.

Specifications

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.



Powering Business Worldwide

TRIPP LITE
SERIES

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
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
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



Powering Business Worldwide

TRIPP LITE
SERIES

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
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	
Product Warranty Period (Worldwide)	Lifetime limited warranty



Powering Business Worldwide

TRIPP LITE
SERIES

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2026 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.