

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 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
VIDEO	
Max Supported Video Resolution	4096 x 2160 60HZ (4K)
Max Supported Color Depth	24-bit True Color
Chroma Sub Sampling	4:4:4
PHYSICAL	
Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	6.0MM
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
ENVIRONMENTAL	
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
CONNECTIONS	
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)
Connector Plating	Nickel
Contact Plating	Gold
FEATURES & SPECIFICATIONS	
Displayport Specification	1.2
HDCP Specification	2.2
Cable Style	Passive



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

SPECIAL FEATURES	
Latching Connector	Yes
Antibacterial	Yes
STANDARDS & COMPLIANCE	
Certifications	RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>