

DisplayPort 1.4 Cable with Latching Connectors - 8K UHD, HDR, 4:2:0, HDCP 2.2, M/M, Black, 1 ft.

MODEL NUMBER: P580-001-V4



8K DisplayPort cable connects your DisplayPort 1.4-compatible source and display devices to transmit enhanced 8K UHD audio/video with HDR.

Features

DisplayPort 1.4 Cable Gets Your Gaming, Home Theater or Digital Signage Setup 8K-Ready

This high-speed DisplayPort cable (M/M) securely connects source and display devices compatible with DisplayPort 1.4 audio/video signals. Backward compatible with all your existing DisplayPort devices, including Blu-ray players, game consoles and 4K televisions, the P580-001-V4 is ideal for future-proofing your high-definition or UHD A/V application in anticipation of an 8K upgrade. It flawlessly handles data transfer speeds up to 32 Gbps, which is nearly twice as fast as HDMI 2.0.

Enjoy the Clarity of 4K/8K Video with 4:2:0 Color

The P580-001-V4 supports 8K UHD video resolutions up to 7680 x 4320 at 30 Hz. It's compatible with DisplayPort 1.4 standards for carrying HDR signals, which provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance and 4:2:0 chroma subsampling allow you to stream 4K Amazon and Netflix content with no complications.

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.

Highlights

- Supports UHD resolutions up to 8K @ 30 Hz (4:2:0) for enhanced video without latency
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Latching DisplayPort connectors prevent cable from coming loose accidentally
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 8K video from a compatible Blu-ray player, game console, laptop or tablet on a compatible television, monitor or projector
- 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 8K video content to digital signs or point-of-sale displays

System Requirements

- Both source and display devices must be compatible with 8K standards to watch 8K video

Package Includes

- P580-001-V4 DisplayPort 1.4 Cable with Latching Connectors, 8K, M/M, Black, 1 ft.



Specifications

OVERVIEW	
UPC Code	037332255105
INPUT	
Cable Length (ft.)	1
Cable Length (m)	0.3
Cable Length (in.)	12
Bus Powered	Yes
PHYSICAL	
Cable Jacket Type	VW-1
Cable Outer Diameter (OD)	4.8MM
Color	Black
Ferrite Core	No
Material of Construction	PVC + ABS
Wire Gauge (AWG)	32
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	
Max Supported Video Resolution	7680 X 4320 30HZ (8K)
Displayport Specification	1.4
HDCP Specification	2.2
Max Supported Color Depth	36-bit Deep Color
EDID Compatible	Yes



3D Video Supported	Yes
Technology	DisplayPort
Chroma Sub Sampling	4:2:0
SPECIAL FEATURES	
HDR Support	Yes
Fully Molded Connector Ends	No
Ohms	No
EMI/RFI Line Noise Protection	No
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Scaler Function	No
IP67 Rated	No
STANDARDS & COMPLIANCE	
Certifications	RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2020 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>