

DisplayPort 1.4 Cable - 8K UHD @ 60 Hz, HDR, HBR3, HDCP 2.2, 4:4:4, BT.2020, M/M, Black, 3 ft.

MODEL NUMBER: P580-003-8K6



8K DisplayPort cable connects your source and display devices to transmit enhanced 8K UHD audio/video with HDR and 4:4:4 chroma.

Features

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

This high-speed DisplayPort (DP) cable (M/M) securely connects source and display devices compatible with DP 1.4 audio/video signals. Backward compatible with all your existing DisplayPort devices, including Blu-ray players, game consoles and 4K televisions, the P580-003-8K6 is ideal for future-proofing your high-definition or UHD A/V application in anticipation of an 8K upgrade. Its HBR3 data rate supports a large bandwidth, allowing for 8K @ 60 Hz resolutions.

Enjoy the Clarity of 4K/8K Video with Multi-Channel Audio and 4:4:4 Color

The P580-003-8K6 supports 8K UHD resolutions up to 7680 x 4320 at 60 Hz with multi-channel sound. It's compatible with DisplayPort 1.4 standards for carrying HDR, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This BT.2020-compatible cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Invest in Quality Construction for Reliable Performance

You're expecting this 8K cable to last a long time, which is why it has been constructed with high-quality materials, such as a rugged PVC jacket. Contacts and connectors are gold-plated to resist corrosion. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the DisplayPort cord.

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for heightened video quality
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.2 standards to display up-to-date 4K video content
- Improves maximum bandwidth to enable enhanced HBR3 applications
- 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

- P580-003-8K6 DisplayPort 1.4 Cable, 8K UHD @ 60 Hz, M/M,



Black, 3 ft.

Specifications

OVERVIEW	
UPC Code	037332254108
INPUT	
Cable Length (ft.)	3
Cable Length (m)	0.9
Cable Length (in.)	36
Bus Powered	Yes
PHYSICAL	
Cable Jacket Type	VW-1
Cable Outer Diameter (OD)	6.8MM
Color	Black
Ferrite Core	No
Material of Construction	PVC
Wire Gauge (AWG)	30
ENVIRONMENTAL	
Operating Temperature Range	14 to 122 F (-10 to 50 C)
Storage Temperature Range	5 to 140 F (-15 to 60 C)
Operating Humidity Range	0% TO 90% RH, NON-CONDENSING
Storage Humidity Range	0% TO 90% RH, NON-CONDENSING
CONNECTIONS	
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)
Connector Plating	Gold
Contact Plating	Gold
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	7680 X 4320 60HZ (8K)
Displayport Specification	1.4



HDCP Specification	2.2
Max Supported Color Depth	24-bit True Color
EDID Compatible	Yes
3D Video Supported	Yes
Consumer Electronics Control (CEC) Supported	Yes
Technology	DisplayPort
Chroma Sub Sampling	4:4:4
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>