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

DisplayPort 1.4 Cable - 8K UHD @ 60 Hz, HDR, HBR3, HDCP 2.2, 4:4:4, BT.2020, M/M, Black, 9 ft. (2.74 m)

MODEL NUMBER: **P580-009-8K6**









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 P580-009-8K6 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 P580-009-8K6 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

- P580-009-8K6 DisplayPort 1.4 Cable, 8K UHD @ 60 Hz, M/M, Black, 9 ft.

Specifications

OVERVIEW	
UPC Code	037332254122
Product Type	Passive
Technology	DisplayPort

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VIDEO	
Max Supported Video Resolution	7680 X 4320 60HZ (8K)
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
INPUT	
Bus Powered	Yes
PHYSICAL	
Material of Construction	PVC
Color	Black
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	6.8MM
Wire Gauge (AWG)	30
Cable Length (ft.)	9
Cable Length (m)	2.74
Cable Length (in.)	108
Ferrite Core	No
Shipping Dimensions (hwd / in.)	0.75 x 7.00 x 9.50
Shipping Weight (kg)	0.18
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
COMMUNICATIONS	
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	Yes
CONNECTIONS	

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Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)
Connector Plating	Gold
Contact Plating	Gold
Latching or Gripping Connector	No
FEATURES & SPECIFICATIONS	
Displayport Specification	1.4
HDCP Specification	2.2
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
IP68 Rated	No
STANDARDS & COMPLIANCE	
Certifications	RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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