

DisplayPort 1.4 Cable with Latching Connectors, 8K (M/M), Black, 1 ft. (0.31 m)

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.

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.

Specifications

OVERVIEW	
UPC Code	037332255105
Product Type	Passive Cable
Technology	DisplayPort
Cable Type	Passive

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.



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VIDEO	
Max Supported Video Resolution	7860 x 4320 (8K) @ 30Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0
Signal Transmission	Bidirectional
INPUT	
Bus Powered	Yes
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
PHYSICAL	
Color	Black
Material of Construction	PVC, ABS
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.8 mm
Wire Gauge (AWG)	32
Cable Length (ft.)	1
Cable Length (m)	0.30
Cable Length (in.)	12
Ferrite Core	No
Minimum Bend Radius	48mm
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.04
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)



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Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
COMMUNICATIONS	
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	No
FEATURES & SPECIFICATIONS	
EMI/RFI Line Noise Protection	Yes
Integrated/Removable Cable	No
MST Support	Yes
Antibacterial	No
IP68 Rated	No
IP20 Rated	No
Fully Molded Connector Ends	No
Ohms	No
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
Scaler Function	No
IP67 Rated	No
Armored Cable	No
Ethernet Support	No
Displayport Specification	1.4
HDCP Specification	2.2
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Certifications	IEC/EN 62040
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty



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

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