

# DisplayPort 1.4 Cable (M/M) - UHD 8K, HDR, 4:2:0, HDCP 2.2, Latching Connectors, Black, 6 ft.

MODEL NUMBER: **P580-006-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 P580-006-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 P580-006-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	037332255129
Product Type	Passive
Technology	DisplayPort

## 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

- P580-006-V4 DisplayPort 1.4 Cable with Latching Connectors, 8K, M/M, Black, 6 ft.



<b>VIDEO</b>	
Max Supported Video Resolution	7680 X 4320 30HZ (8K)
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0
<b>INPUT</b>	
Bus Powered	Yes
<b>PHYSICAL</b>	
Color	Black
Material of Construction	PVC, ABS
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
Shipping Dimensions (hwd / in.)	0.50 x 6.50 x 9.00
Shipping Weight (kg)	0.10
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
EDID Compatible	Yes
<b>CONNECTIONS</b>	
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)



Latching Connector	Yes
Connector Plating	Nickel
Contact Plating	Gold
<b>FEATURES &amp; SPECIFICATIONS</b>	
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
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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