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.

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
Product Type	Passive
Technology	DisplayPort

VIDEO	
Max Supported Video Resolution	7680 x 4320 @ 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
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)	4.8MM
Wire Gauge (AWG)	32
Cable Length (ft.)	1
Cable Length (m)	0.30
Cable Length (in.)	12
Ferrite Core	No
Minimum Bend Radius	48mm
ENVIRONMENTAL	
Operating Temperature Range	32 TO 113 F (0 TO 45 C)
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
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

FEATURES & SPECIFICATIONS

Displayport Specification	1.4
HDCP Specification	2.2
Fully Molded Connector Ends	No
Ohms	No
EMI/RFI Line Noise Protection	Yes
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	Yes
Scaler Function	No
IP67 Rated	No
IP68 Rated	No
Antibacterial	No
Armored Cable	No
Ethernet Support	No
IP20 Rated	No

STANDARDS & COMPLIANCE

Product Certifications	IEC/EN 62040
Product Compliance	RoHS; CE (Europe); REACH; WEEE

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	Lifetime limited warranty