

DisplayPort 1.4 Cable with Latching Connectors - 8K UHD, HDR, 4:2:0, HDCP 2.2, M/M, 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-ReadyThis 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, which is nearly twice as fast as HDMI 2.0.

Enjoy the Clarity of 4K/8K Video with 4:2:0 ColorThe 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 DowntimeHaving 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

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



Specifications

| OVERVIEW | |
|---------------------------------|-------------------------------|
| UPC Code | 037332255129 |
| INPUT | |
| Cable Length (ft.) | 6 |
| Cable Length (m) | 1.8 |
| Cable Length (in.) | 72 |
| Bus Powered | Yes |
| PHYSICAL | |
| Cable Jacket Type | VW-1 |
| Cable Outer Diameter (OD) | 6.0MM |
| Color | Black |
| Ferrite Core | No |
| Material of Construction | PVC, ABS |
| Shipping Dimensions (hwd / in.) | 0.50 x 6.50 x 9.00 |
| Shipping Weight (kg) | 0.10 |
| Wire Gauge (AWG) | 30 |
| ENVIRONMENTAL | |
| 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 |
| CONNECTIONS | |
| Side A - Connector 1 | DISPLAYPORT (MALE) |
| Side B - Connector 1 | DISPLAYPORT (MALE) |
| Connector Plating | Nickel |
| Contact Plating | Gold |
| FEATURES & SPECIFICATIONS | |
| Max Supported Video Resolution | 7680 X 4320 30HZ (8K) |
| Displayport Specification | 1.4 |
| HDCP Specification | 2.2 |



| | |
|---|---------------------------|
| Max Supported Color Depth | 36-bit Deep Color |
| EDID Compatible | Yes |
| 3D Video Supported | Yes |
| Technology | DisplayPort |
| Chroma Sub Sampling | 4:2:0 |
| 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 |

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