

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.

| 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 |
| 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 Weight (kg) | 0.04 |
| 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 | |
| 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 |



1000 Eaton Boulevard
Cleveland, OH 44122
United States



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