

DisplayPort Cable with Latching Connectors (M/M), 8K 60 Hz, HDR, HBR3, 4:4:4, HDCP 2.2, 9 ft. (2.7 m)

MODEL NUMBER: **P580-009-8K6**



8K DisplayPort cable connects your source and display devices to transmit enhanced 8K Ultra HD audio/video with HDR and 4:4:4 chroma.

Features

DisplayPort 1.4 Cable Gets Your Gaming, Home Theater or Digital Signage Setup 8K-Ready

This high-speed DisplayPort (DP) cable (M/M) securely connects source and display devices compatible with DP 1.4 audio/video signals. Backward compatible with all your existing DisplayPort devices, including Blu-ray players, game consoles and 4K televisions, the P580-009-8K6 is ideal for future-proofing your high-definition or Ultra HD application in anticipation of an 8K upgrade.

Enjoy the Clarity of 4K/8K Video with Multi-Channel Audio and 4:4:4 Color

The P580-009-8K6 supports 8K Ultra HD resolutions up to 7680 x 4320 at 60 Hz with multi-channel sound. It's compatible with DisplayPort 1.4 standards for HDR, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream 4K content with no complications. This BT.2020-compatible cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Invest in Quality Construction for Reliable Performance

You're expecting this 8K cable to last a long time, which is why it has been constructed with high-quality materials, such as a rugged PVC jacket. Contacts and connectors are gold-plated to resist corrosion. The male connectors latch securely to help prevent the cable from becoming accidentally disconnected and disrupting a continuous audio/video signal. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the DisplayPort cord.

Specifications

| OVERVIEW | |
|--------------|--------------|
| UPC Code | 037332254122 |
| Product Type | Passive |

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for state-of-the-art video quality
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.2 standards to display up-to-date 4K video content
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

Both source and display devices must be compatible with 8K standards to watch 8K video

Package Includes

P580-009-8K6 DisplayPort 1.4 Cable (M/M), 8K 60 Hz, 9 ft. (2.7 m)

| | |
|---------------------------------|------------------------------|
| Technology | DisplayPort |
| Cable Type | Passive |
| VIDEO | |
| Max Supported Video Resolution | 7680 X 4320 60HZ (8K) |
| Max Supported Color Depth | 24-bit True Color |
| HDR Support | Yes |
| 3D Video Supported | Yes |
| Chroma Sub Sampling | 4:4:4 |
| EDID Support | Yes |
| Signal Transmission | Bidirectional |
| INPUT | |
| Bus Powered | Yes |
| PHYSICAL | |
| Color | Black |
| Material of Construction | PVC |
| Cable Jacket Color | Black |
| Connector Color | Blue |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | VW-1 |
| Cable Outer Diameter (OD) | 6.8MM |
| Wire Gauge (AWG) | 30 |
| Cable Length (ft.) | 9 |
| Cable Length (m) | 2.74 |
| Cable Length (in.) | 108 |
| Ferrite Core | No |
| Shipping Dimensions (hwd / in.) | 9.50 x 7.00 x 0.75 |
| Shipping Weight (kg) | 0.18 |
| Unit Dimensions (hwd / in.) | 9.500 x 7.000 x 0.750 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 14 to 122 F (-10 to 50 C) |
| Storage Temperature Range | 5 to 140 F (-15 to 60 C) |
| Operating Humidity Range | 0% TO 90% RH, NON-CONDENSING |
| Storage Humidity Range | 0% TO 90% RH, NON-CONDENSING |

| COMMUNICATIONS | |
|--|---------------------------|
| EDID Compatible | Yes |
| Consumer Electronics Control (CEC) Supported | Yes |
| CONNECTIONS | |
| Side A - Connector 1 | DISPLAYPORT (MALE) |
| Side B - Connector 1 | DISPLAYPORT (MALE) |
| Connector Plating | Gold |
| Contact Plating | Gold |
| Connector Style | Straight |
| Latching or Gripping Connector | No |
| FEATURES & SPECIFICATIONS | |
| EMI/RFI Line Noise Protection | No |
| Integrated/Removable Cable | No |
| MST Support | No |
| 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 |
| Displayport Specification | 1.4 |
| HDCP Specification | 2.2 |
| DIN Mountable | No |
| STANDARDS & COMPLIANCE | |
| Product Certifications | IEC/EN 62040 |
| Product Compliance | RoHS; CE (Europe); REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |



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