

## DisplayPort Extension Cable with Active Repeater and Latching Connector (M/F), 8K 60 Hz, HDR, 4:4:4, HDCP 2.2, 9 ft. (2.7 m), TAA

MODEL NUMBER: P579-009-8K6



Extends your existing 8K DisplayPort connection by 9 ft. Latching male connector helps prevent accidental disconnections.

### Features

#### Extends Your Existing DisplayPort Cable Run by 9-ft.

The dependable P579-009-8K6 (M/F) connects to your existing DisplayPort cable to extend the run by nine-feet (2.7 meters). This allows you more flexibility in placing, for instance, a cable box or media server connected to a DisplayPort-enabled television, monitor or projector. The male connector latches securely to help prevent the cable from becoming accidentally disconnected and disrupting a continuous audio/video signal.

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

This extension cable 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 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. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the DisplayPort cord. The source device provides power, so no external power adapter is needed.

#### TAA-Compliant for GSA Schedule Purchases

The P579-009-8K6 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

### 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 8K video content
- Active repeater allows clean transmission without expense of an external booster
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Package Includes

P579-009-8K6 DisplayPort 1.4 Extension Cable (M/F), 8K 60 Hz, 9 ft. (2.7 m)

## Specifications

### OVERVIEW

|                                 |                              |
|---------------------------------|------------------------------|
| UPC Code                        | 037332279590                 |
| Product Type                    | Passive                      |
| Technology                      | DisplayPort                  |
| Cable Type                      | Passive                      |
| <b>VIDEO</b>                    |                              |
| Max Supported Video Resolution  | 7680 X 4320 (8K) 60HZ        |
| Max Supported Color Depth       | 24-bit True Color            |
| HDR Support                     | Yes                          |
| 3D Video Supported              | No                           |
| Chroma Sub Sampling             | 4:4:4                        |
| DisplayPort Alt Mode            | No                           |
| <b>PHYSICAL</b>                 |                              |
| 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)       | 7.3MM                        |
| Wire Gauge (AWG)                | 28                           |
| Cable Length (ft.)              | 9                            |
| Cable Length (m)                | 2.74                         |
| Cable Length (in.)              | 108                          |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50           |
| Shipping Weight (lbs.)          | 0.41                         |
| Shipping Weight (kg)            | 0.19                         |
| Unit Dimensions (hwd / in.)     | 9.000 x 7.000 x 0.500        |
| Unit Packaging Type             | Polybag                      |
| <b>ENVIRONMENTAL</b>            |                              |
| Operating Temperature Range     | 32° to 104°F (0° to 40°C)    |
| Storage Temperature Range       | 5° to 122°F (-15° to 50°C)   |
| Operating Humidity Range        | 0% TO 85% RH, NON-CONDENSING |
| Storage Humidity Range          | 0% TO 85% RH, NON-CONDENSING |

| COMMUNICATIONS                               |  |
|--|--|
| EDID Compatible                              | No   |
| Consumer Electronics Control (CEC) Supported | No   |
| CONNECTIONS                                  |  |
| Side A - Connector 1                         | DISPLAYPORT (MALE)   |
| Side B - Connector 1                         | DISPLAYPORT (FEMALE)   |
| Connector Plating                            | Gold   |
| Contact Plating                              | Gold   |
| Connector Style                              | Straight   |
| Latching or Gripping Connector               | Yes  |
| FEATURES & SPECIFICATIONS                    |  |
| EMI/RFI Line Noise Protection                | No   |
| Integrated/Removable Cable                   | No   |
| MST Support                                  | No   |
| IP68 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  |
| Driver Required                              | No   |
| STANDARDS & COMPLIANCE                       |  |
| Product Compliance                           | CE (Europe); FCC (USA); RoHS; Trade Agreements Act (TAA); UKCA |
| WARRANTY & SUPPORT                           |  |
| Product Warranty Period (Worldwide)          | 3-year limited warranty  |



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