

## DisplayPort 1.2 to HDMI Active Adapter Cable (M/M), 4K 60 Hz, HDR, Secure-Grip Plugs, Black, 10 ft. (3.1 m)

MODEL NUMBER: P582-010-4K6AE



Connects an HDMI monitor, projector or HDTV to the DisplayPort 1.2 output on your Chromebook, MacBook, notebook or tablet.

### Features

**DisplayPort to HDMI Adapter Connects a 4K Monitor to Your Computer or Media Center** This active converter helps you transmit digital audio and 4K video from the DisplayPort 1.2 output on your desktop computer, Chromebook, MacBook, Microsoft Surface or other compatible device to a 4K HDMI-enabled television, monitor or projector. It's ideal for working in high-definition photography, videography or cinematography, as well as streaming video for digital signage in crystal-clear 4K. You can continue using your existing HDMI display without the expense of a new DisplayPort monitor.

**Avoid Signal Disruptions with Extra-Secure Connectors** Having a cable come loose accidentally can cause A/V signal loss at the most inconvenient times. The specially designed latching DisplayPort and high-grip HDMI connectors firmly grip the ports on your equipment to help prevent accidental disconnection and signal disruption. With greater port retention than typical connectors, these more secure connectors resist vibrations that can loosen over time. This is especially helpful for ensuring components stay attached in difficult-to-access installations.

**Transmits Crystal-Clear 4K HDMI Video with HDR and 4:4:4 Color** The P582-010-4K6AE supports Ultra HD video resolutions up to 4K at 60 Hz (3840 x 2160) with rich, full 7.1-channel surround sound, as specified in HDMI 2.0. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This cable supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

**Adapter Located Inside the DisplayPort Connector for Easy Installation** With the DisplayPort-to-HDMI repeater/booster built directly into the DisplayPort connector, no bulky mid-cable adapter hinders installation through furniture or in hard-to-reach areas.

**Ready to Use Right from the Package, So You Can Plug and Play Immediately** The plug-and-play cable requires no software, drivers or external power. It is compatible with both Single- and Dual-Mode (DP++) DP output and is recommended for use with graphics cards that do not output DP++ signals, such as the AMD Eyefinity. It is backward compatible with 1080p displays and pre-1.2 DisplayPort sources, allowing you to use it with older equipment.

### Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Active adapter converts Single- and Dual-Mode DP++ output for viewing on display
- Secure-grip connectors maintain constant A/V signal without accidental disconnections
- Plug-and-play operation with no software required for easy, immediate installation

### Applications

- Watch 4K video content from a DisplayPort-enabled PC, Mac or Surface on an Ultra HD television or projector
- Edit HDR production video or digital photos using a 4K monitor
- Connect a Chromebook or MacBook to a conference table's A/V box to give a video presentation on a large screen
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K

### System Requirements

- Source device with DisplayPort output
- Display device with HDMI input

### Package Includes

- P582-010-4K6AE DisplayPort to HDMI 4K Cable - M/M, Black, 10 ft.

## Specifications

| <b>OVERVIEW</b>                |                               |
|--------------------------------|-------------------------------|
| UPC Code                       | 037332243171                  |
| Product Type                   | Active Cable                  |
| Technology                     | HDMI; DisplayPort             |
| Cable Type                     | Active                        |
| <b>VIDEO</b>                   |                               |
| Max Supported Video Resolution | 3840 x 2160 (4K) @ 60Hz       |
| HDR Support                    | No                            |
| <b>AUDIO</b>                   |                               |
| Audio Specification            | 7.1 Channel Surround Sound    |
| <b>PHYSICAL</b>                |                               |
| Color                          | Black                         |
| Material of Construction       | ABS, PVC                      |
| Cable Jacket Color             | Black                         |
| Cable Jacket Material          | PVC                           |
| Cable Jacket Rating            | VW-1                          |
| Cable Outer Diameter (OD)      | 7.3mm                         |
| Cable Length (ft.)             | 10                            |
| Cable Length (m)               | 3.05                          |
| Cable Length (in.)             | 120                           |
| Cable Length (cm)              | 305                           |
| Unit Weight (lbs.)             | 0.4142                        |
| Unit Weight (kg)               | 0.19                          |
| <b>ENVIRONMENTAL</b>           |                               |
| Operating Temperature Range    | 32° to 104°F (0° to 40°C)     |
| Storage Temperature Range      | -4° to 140°F (-20° to 60°C)   |
| Relative Humidity              | 10% to 90% RH, Non-Condensing |
| <b>CONNECTIONS</b>             |                               |
| Side A - Connector 1           | DISPLAYPORT (MALE)            |

|   |   |
|---|---|
| Side B - Connector 1                        | HDMI (MALE) - GRIPPING                          |
| Contact Plating                             | Gold  |
| <b>FEATURES &amp; SPECIFICATIONS</b>        |   |
| EMI/RFI Line Noise Protection               | No  |
| Integrated/Removable Cable                  | No  |
| MST Support                                 | 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                   | 1.2a  |
| HDCP Specification                          | 2.2   |
| Driver Required                             | No  |
| DIN Mountable                               | No  |
| <b>STANDARDS &amp; COMPLIANCE</b>           |   |
| Product Compliance                          | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE |
| <b>WARRANTY &amp; SUPPORT</b>               |   |
| Product Warranty Period (Worldwide)         | 3-year limited warranty                         |