# Mini DisplayPort 1.2a to HDMI Active Adapter Cable (M/M), 4K 60 Hz, HDCP 2.2, 10 ft. (3.1 m)

MODEL NUMBER: **P586-010-HD-V2A**



HDCP 2.2-compliant cable connects the Mini DisplayPort (mDP) or Thunderbolt port on your PC, Mac or tablet to a 4K-enabled HDMI monitor, projector or television.

## Highlights

- Supports video resolutions up to 4K @ 60 Hz (3840 x 2160)
- Compliant with latest HDCP 2.2 standards
- No separate power adapter required
- High-grip HDMI plug prevents accidental disconnections
- Supports EDID specifications

## Package Includes

- P586-010-HD-V2A Mini DisplayPort 1.2a to HDMI Active Adapter Cable (M/M), 10 ft.

## Description

The P586-010-HD-V2A Mini DisplayPort 1.2a to HDMI Active Adapter Cable (M/M) connects an mDP- or Thunderbolt-enabled PC, Mac or tablet (such as the Surface Pro series) to the HDMI port on a 4K monitor, projector or television. With an mDP male connector on one end and a gold-plated high-grip HDMI male connector on the other, this cable requires no separate power adapter. It lets you continue using an existing 4K HDMI display without the extra expense of buying a new mDP monitor.
Recommended for displaying crystal-clear video on a large monitor or digital sign, this cable supports UHD video resolutions up to 4K @ 60 Hz (3840 x 2160) as specified in HDMI 2.0. The P586-010-HD-V2A also supports rich, full audio (if your DisplayPort card supports audio passthrough) and the latest HDCP 2.2 (High-Bandwidth Digital Content Protection) standards.
Because it's an active adapter, the 10-foot (3.1-meter) P586-010-HD-V2A is compatible with Single-Mode and Dual-Mode (DP++) DisplayPort output. It's perfect for use with graphics cards, such as AMD Eyefinity, that don't output DP++ signals.
The corrosion-resistant gold-plated HDMI connector and contacts provide maximum conductivity and minimize data loss. Its special high-grip plug prevents a loose or accidentally disconnected cable from causing picture loss. Integral strain relief with ridges on each end gives the cable extra flexibility, reduces stress, and helps the cable and connectors move freely without cracking.

## Features

**Send UHD Mini DisplayPort 1.2a Signals to a 4K HDMI Display**Connects mDP or Thunderbolt PC, Mac or tablet to a 4K-enabled HDMI monitor, projector or HDTVRecommended for displaying video on a large monitor or digital signmDP and high-grip HDMI male connectorsNo separate power adapter required

**Vibrant Video Quality**Supports UHD video resolutions up to 4K @ 60 Hz (3840 x 2160) as specified in HDMI 2.0Supports HDCP 2.2 audio and EDIDActive adapter compatible with Single-Mode and Dual-Mode (DP++) DisplayPort outputRecommended for graphics cards, such as AMD Eyefinity, that don’t output DP++ signals

**Superior Materials for Superior Performance**Gold-plated HDMI connector and contacts for maximum conductivity and minimum data lossSpecial high-grip HDMI plug prevents accidental disconnectionsIntegral strain relief provides cable and connectors with flexibility and reduces stress

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332200617 |
| Product Type | Active Cable |
| Technology | HDMI; DisplayPort |
| Cable Type | Active |
| **VIDEO** | |
| Max Supported Video Resolution | 3840 x 2160 (4K) @ 60Hz |
| Max Supported Color Depth | 8-bit |
| HDR Support | Yes |
| **CONNECTIONS** | |
| Side A - Connector 1 | MINI DISPLAYPORT (MALE) |
| Side B - Connector 1 | HDMI (MALE) |
| Connector Plating | Nickel |
| Contact Plating | Gold |
| **PHYSICAL** | |
| Color | Black |
| Material of Construction | ABS, PVC |
| Cable Jacket Color | Black |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | VW-1 |
| Cable Outer Diameter (OD) | 5.0 +/- 15mm |
| Wire Gauge (AWG) | 32 |
| Cable Length (ft.) | 10 |
| Cable Length (m) | 3.05 |
| Cable Length (in.) | 120 |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50 |
| Shipping Dimensions (hwd / cm) | 22.86 x 17.78 x 1.27 |
| Shipping Weight (lbs.) | 0.46 |
| Shipping Weight (kg) | 0.21 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | -4° to 140°F (-20° to 60°C) |
| Operating Humidity Range | 10% to 90%, Non-Condensing |

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|---|---|
| Storage Humidity Range | 10% to 90%, Non-Condensing |
| **FEATURES & SPECIFICATIONS** | |
| IP68 Rated | No |
| IP20 Rated | No |
| Displayport Specification | 1.2a |
| HDCP Specification | 2.2 |
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty |

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