

Mini DisplayPort 1.2 to HDMI Adapter Cable, Active, HDMI 2.0, 4K 60 Hz, M/M, 6 ft.

MODEL NUMBER: **P586-006-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.

Description

The P586-006-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 HDMI 2.0 with full UHD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz. The P586-006-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 six-foot P586-006-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 HDTV

Highlights

- Supports video resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
- Compliant with latest HDCP 2.2 standards
- No separate power adapter required
- High-grip HDMI plug prevents accidental disconnections
- Supports HDMI 2.0 and EDID specifications

Package Includes

- P586-006-HD-V2A Mini DisplayPort 1.2a to HDMI Active Adapter Cable (M/M), 6 ft.



- Recommended for displaying video on a large monitor or digital sign
- mDP and high-grip HDMI male connectors
- No separate power adapter required

Vibrant Video Quality

- Supports UHD video resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
- Supports HDCP 2.2, HDMI 2.0, audio and EDID
- Active adapter compatible with Single-Mode and Dual-Mode (DP++) DisplayPort output
- Recommended 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 loss
- Special high-grip HDMI plug prevents accidental disconnections
- Integral strain relief provides cable and connectors with flexibility and reduces stress

Specifications

OVERVIEW	
UPC Code	037332200600
INPUT	
Cable Length (ft.)	6
Cable Length (m)	1.8
Cable Length (in.)	72
PHYSICAL	
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	5.0 +/- 15mm
Color	Black
Material of Construction	ABS, PVC
Shipping Dimensions (hwd / cm)	1.27 x 16.76 x 22.86
Shipping Dimensions (hwd / in.)	0.50 x 6.60 x 9.00
Shipping Weight (kg)	0.18
Shipping Weight (lbs.)	0.40
Wire Gauge (AWG)	32
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
Storage Humidity Range	10 to 90%, Non-Condensing
CONNECTIONS	
Side A - Connector 1	MINI DISPLAYPORT (MALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Gold; Nickel
Contact Plating	Gold
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K 60Hz (3840 x 2160)
Displayport Specification	1.2a
HDMI Specification	2.0
HDCP Specification	2.2
Max Supported Color Depth	8-bit
Technology	HDMI; DisplayPort
SPECIAL FEATURES	
HDR Support	Yes
STANDARDS & COMPLIANCE	
Certifications	CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty
Product Warranty Period (U.S. & Canada)	3-year limited warranty

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