DATA SHEET



DisplayPort™ Male to HDMI® Male Passive Adapter Cable - 4K 30Hz

Connect the DisplayPort output of a computer to the HDMI input of a HDTV or projector

OVERVIEW

The DisplayPort to HDMI Passive Adapter Cable is an ideal solution for streaming high-quality audio/video content from the DisplayPort output of a laptop to an HDTV or projector which accepts an HDMI input — making it a perfect solution for the office, work space applications, or conference rooms. The cable form factor of this adapter provides a simple and convenient solution that eliminates the need for a separate adapter and cable, reducing possible failure points.

This passive adapter cable is a simple plug and play solution that has a DisplayPort 1.2a input and an HDMI 1.4b output. It supports high-definition resolutions up to 4K (3840 x 2160 at 30Hz) and is powered from the DisplayPort source device — allowing it to deliver high quality audio and video to the connected display.

Note: If the source device supports dual-mode DisplayPort (also known as DP++), a passive adapter can be used because the source device can perform the conversion. If the source device does not support DP++, then an active adapter converter should be used. Thunderbolt 2 ports support DP++ natively.

FEATURES

- Adapts a DisplayPort output to HDMI
- Supports DisplayPort 1.2a input and HDMI 1.4b output
- Supports resolutions up to 4K (3840 x 2160 at 30hz)
- Supports up to 192kHz audio frame rate and up to 24-bit audio sample size
- Powered from DisplayPort source

ITEM DESCRIPTION

54432	3ft DisplayPort Male to HDMI Male Passive Adapter Cable - 4K 30Hz
54433	6ft DisplayPort Male to HDMI Male Passive Adapter Cable - 4K 30Hz
54434	10ft DisplayPort Male to HDMI Male Passive Adapter Cable - 4K 30Hz

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SPECIFICATIONS:

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SIGNAL SPECIFICATIONS:

- Input Video: DisplayPort 1.2a
- Output Video: HDMI 1.4b
- Vertical Frequency Range: 50/60Hz
- Video Amplifier Bandwidth: 1.62Gbps/2.7Gbps
- Resolution: Up to 4Kx2K@30HZ
- Supports Multiple Color Format: RGB 6/8/10/12-bit per component(bpc) and YCbCr 4:4:4, YCbCr 4:2:2, 8/10/12bpc
- Supports 10/12-bit deep color 1080p up to 2.25Gbps
- 3D Video Formats: (720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.98/24Hz, 1080P@50/59.94/60Hz) up to 2.97Gbps
- Support up to 8 channel LPCM, compressed audio (AC-3,DTS) and HBR audio format

ELECTRICAL SPECIFICATIONS:

- Power Consumption (Max): 1W
- External Power Supply: No external power needed

PHYSICAL SPECIFICATIONS:

- Operating Temperature: 0°C to +45°C
- Operating Humidity: 10% to 85% RH (no condensation)
- Storage Temperature: -10°C to +80°C
- Storage Humidity: 5% to 90% RH (no condensation)

PHYSICAL CHARACTERISTICS:

- Input: DisplayPort Male 20pin
- Output: HDMI Male Type A 19pin
- Dimensions: Cable Length: 915±30mm,
  DisplayPort Male Connector Length: 10.68mm,
  HDMI Male Connector Length: 9.2±0.3mm
- Regulatory Approvals: FCC, CE



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