

# DATA SHEET



## 8in Mini DisplayPort™ Male to HDMI® Female Passive Adapter Converter - 4K 30Hz

Adapt the Mini DisplayPort output of a computer so that it may be connected to an HDTV or projector which accepts a HDMI input

### OVERVIEW

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The Mini DisplayPort to HDMI Passive Adapter Converter is an ideal solution for streaming high-quality audio/video content from the Mini DisplayPort or Thunderbolt 2 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.

This passive adapter converter 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 Mini 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

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- Adapts a Mini DisplayPort/Thunderbolt 2 output to HDMI
- Supports DisplayPort 1.2a input and HDMI 1.4b output
- Supports resolutions up to 4K (3840 x 2160 at 30hz)
- Powered from DisplayPort source

### ITEM DESCRIPTION

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54430 8in Mini DisplayPort Male to HDMI Female Passive Adapter Converter - 4K 30Hz

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## SPECIFICATIONS:

### 8in Mini DisplayPort Male to HDMI Female Passive Adapter Converter - 4K 30Hz

#### SIGNAL SPECIFICATIONS:

- Input Video Signal: 5 Volts p-p (TTL)
- 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.

#### ELECTRICAL SPECIFICATIONS:

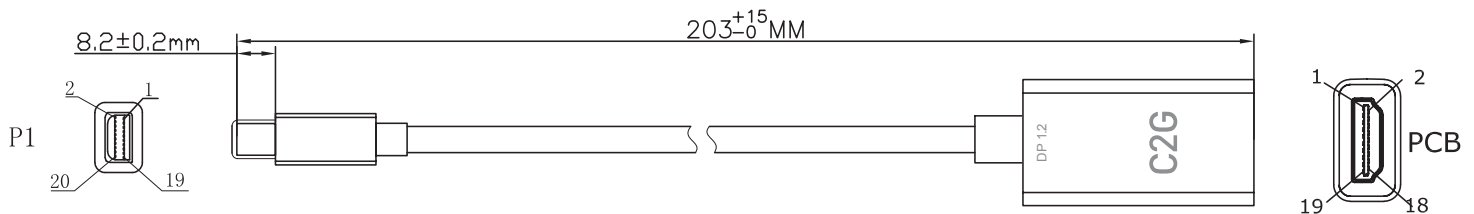
- Power Consumption (Max): 1W
- External Power Supply: No external power needed

#### 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: Mini DisplayPort Male 20pin
- Output: HDMI Female Type A 19pin
- Dimensions: Overall Length: 203±15mm, Cable Length: 150±15mm, Male Connector Length: 8.2±0.2mm
- Weight: 14.8g
- Regulatory Approvals: FCC, CE



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6500 Poe Ave.  
Dayton, OH 45414  
Phone: 800.CABL.911  
www.c2g.com

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