

DATA SHEET



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

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

OVERVIEW

The DisplayPort to HDMI Passive Adapter Converter 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.

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 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)
- Powered from DisplayPort source

ITEM DESCRIPTION

54431 8in DisplayPort Male to HDMI Female Passive Adapter Converter - 4K 30H

DATA SHEET

SPECIFICATIONS:

8in DisplayPort Male to HDMI Female Passive Adapter Converter - 4K 30H

SIGNAL SPECIFICATIONS:

- Input Video Signal: 5 Volts p-p (TTL)
- Input Video: DisplayPort 1.2a
- Output Video: HDMI 1.4b
- Vertical Frequency Range: 50/60Hz
- Video Amplifier Bandwidth: 1.65Gbps/3Gbps
- 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

ELECTRICAL SPECIFICATIONS:

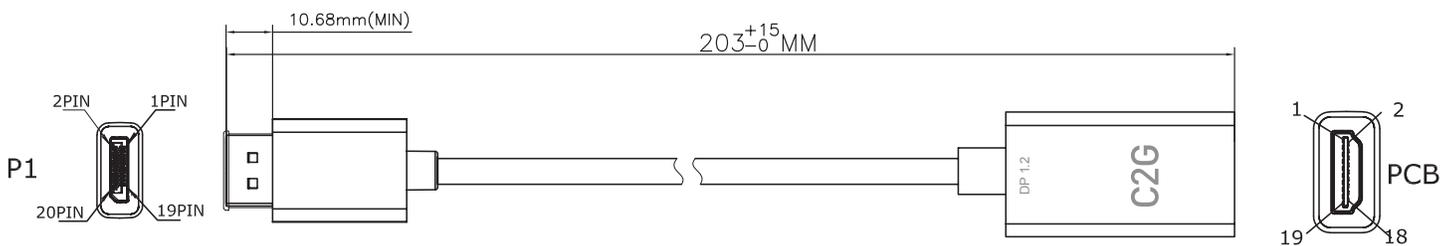
- Power Consumption (Max): 1W
- External Power Supply: No external power needed

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 Female Type A 19pin
- Dimensions: Overall Length: 203±15mm, Cable Length: 150±15mm, Male Connector Length: 10.68mm
- Regulatory Approvals: FCC, CE



C2G[®]
A brand of **legrand**

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

Follow Us

