

# DATA SHEET



## 8in Mini DisplayPort™ Male to VGA + Audio Female Active Adapter Converter

Connect the Mini DisplayPort or Thunderbolt 2 output of a computer to the VGA input of a computer monitor

### OVERVIEW

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The Mini DisplayPort Male to VGA + Audio Female Active Adapter Converter allows you to connect the Mini DisplayPort or Thunderbolt 2 output of a PC or Mac® to a projector or display which accepts a VGA input and audio input with a 3.5mm AUX port — making it an ideal solution for the office, work space applications, or home use.

This active adapter provides a simple and convenient solution that converts the Mini DisplayPort signal to an analog VGA video and stereo audio signal. For added convenience, this adapter includes a USB A to Micro-B cable for required power and a 3.5mm AUX stereo audio output for audio.

This adapter is a simple plug and play solution and carries an active video signal, supporting high-definition resolutions up to 1920 x 1200, allowing it to deliver high quality video image and audio to the connected display.

### FEATURES

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- VGA resolutions up to 1920 x 1200
- 3.5mm AUX port for audio
- Active Mini DisplayPort to VGA conversion
- USB power with included cable
- Plug and Play — no driver required

### ITEM DESCRIPTION

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84683

8in Mini DisplayPort Male to VGA + Audio Female Active Adapter Converter - Black

**C2G**<sup>®</sup>  
A brand of **legrand**

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## SPECIFICATIONS:

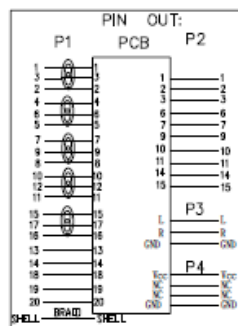
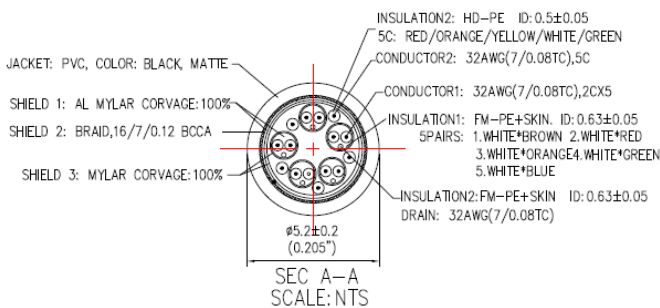
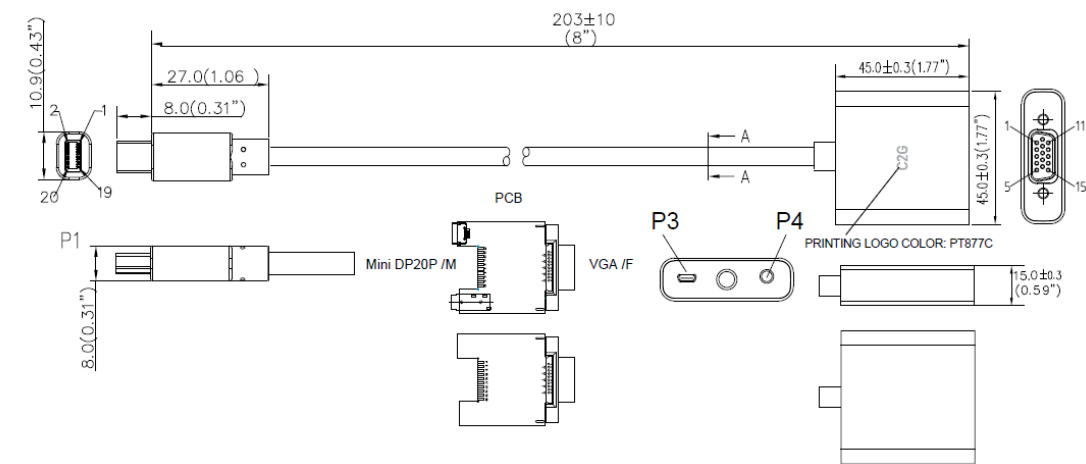
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#### ELECTRICAL SPECIFICATIONS:

- Voltage Rating: 30V
- Conductor Resistance: at 20°C Max. 30AWG: 376.96Ωkm
- Insulation Resistance: 10m -km Min. at 20°C DC 500V (EIA-364-21)
- Dielectric Strength: AC 500V/1 Minute No Breakdown (EIA-364-20)
- Impedance: Pairs (Differential Mode) 100±5Ω
- Attenuation (Max.):  
5.02dB@100-450MHz; 7.69dB@1GHz;  
12.595dB@2GHz; 17.495dB@3GHz;  
22.395dB@4GHz; 27.295dB@5GHz;  
32.195dB@6GHz; 37.095dB@7GHz
- Return Loss (Min.)  
15.00@100-675MHz; 12.90@7GHz;  
9.20@2GHz; 7.04@3GHz;  
5.5@4GHz; 4.31@5GHz;  
3.33@6GHz; 2.51@7GHz
- Next (Max.):  
-36dB@0.1-1.35GHz; -23.44dB@2GHz;  
-20.80dB@3GHz; -18.93dB@4GHz;  
-17.48dB@5GHz; -16.29dB@6GHz; -15.28dB@7GHz
- Fext: -26dB/Cable@100-7000MHz (Max.)

#### PHYSICAL SPECIFICATIONS:

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -25°C to 70°C
- Connector 1: Mini DisplayPort 20P Male: Solder Type, Gold Flash Contacts, Nickel Plated Shell, Beige Insulation
- Connector 2: HDB 15P Male: IDC Type, Gold Flash Contacts, Nickel Plated Shell, Blue Insulation, with PCBA
- Connector 3: USB: Nickel Plated Shell, Black Insulation, Gold Plated Contact, with PCB
- Connector 4: Phone Jack: Housing: PA66 Black, AG Plated Contact, with PCB
- Chipset: LT8711
- Shielding: Connector 1, 2: Copper Foil Shielding
- Cable: UL20276, (32AWG\*1P+D+AL/MY)\*5+32AWG\*5C+ADB, OD: 5.2±0.2mm Black PVC Jacket
- Hood: Connector 1: Molding Black PVC
- Hood: Connector 2: Black ABS Hood Assembly
- Approvals: CE marked and conforms to 2011/65/EU ROHS 2



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Great King Street North  
Birmingham, West Midlands, B19 2LF  
UK Phone (0)800 328 2916  
EMEA Phone +44 (0)1952 677300  
www.c2g.com/uk

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