Mini DisplayPort-to-VGA Adapter

multicompPRO

Features

- Mini DisplayPort 1.1a compliant receiver offering 5.4 Gbps bandwidth over 2 lanes
- Integrated triple 10-bit, 162 MHz video DAC for analog VGA signal output
- Supports up to 1080p, 1920 × 1200 reduced blanking video resolution
- EDID pass-through from PC source to display
- Spread Spectrum (de-spreading) for EMI reduction
- Automatic sink detection
- Low power standby mode operation initiated based on sink detection status
- Powered from Mini DisplayPort source
- 3.3V IO, 1.2V Core
- Low power operation – Active 400mW, standby mode 15mW

Note: For few display cards, the image would not appear until the PC enters into Windows from DOS at the time of restarting.
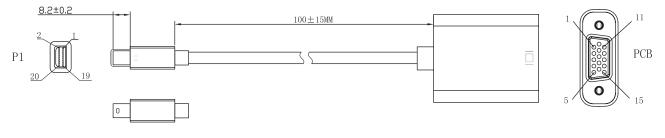
Specifications

Signal Inputs/Output

Max. Single Link Range	: 1920 × 1200, 1080P

Video Format Supported

VGA	: Max to 1920 × 1200

Operating Frequency

Vertical Frequency Range	: 50/60Hz
Video Amplifier Bandwidth	: 162MHz

Environmental

Operating Temperature	: 0°C to +70°C
Operating Humidity	: 10% to 85% RH (no condensation)
Storage Temperature	: -10°C to +80°C
Storage Humidity	: 5% to 90% RH (no condensation)

Mechanical

Weight (Net)	: 28g

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Diagram

8.2±0.2

100±15MM

P1

2   1

20   19

0

1   11

PCB

5   15

Dimensions : Millimetres

Part Number Table

Description	Part Number
Mini DisplayPort-to-VGA Adapter	MP-V

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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