

# DisplayPort Male-to-VGA Female Adapter Cable Assembly

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## Description

This is a DisplayPort to VGA signal format adapter for interfacing DisplayPort based PC and notebook computers with conventional VGA displays, such as CRT, LCD monitors, and projectors. DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to DisplayPort, the converter facilitates the transition by offering seamless connectivity between new DisplayPort PC and notebooks and the installed base VGA monitors and projectors.

It offers solutions for digital entertainment centre, projector factory, noisy space and security concerns, conference room presentation, school and corporate training environments.

## Features

- 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 VGA Resolution max 1920 × 1200@60Hz
- EDID pass-through from PC source to display
- Spread Spectrum (de-spreading) for EMI reduction
- Low power standby mode operation initiated based on sink detection status
- Powered from DisplayPort source

**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

Maximum Single Link Range : 1920 × 1200

### Video format supported

VGA : Max to 1920 × 1200

### Operating Frequency

Vertical Frequency Range : 50/60Hz

Video Amplifier Bandwidth : 162MHz

### Mechanical

Size (L×W×H) : 41.9mm × 37mm × 14.5mm

Weight (Net) : 22g

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## 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)
Power Requirement	: No

## Accessories

User Manual (English Version)

## Part Number Table

Description	Part Number
DisplayPort Male-to-VGA Female Adapter Cable Assembly	DP-V

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