**6FT DisplayPort to DisplayPort Cable Assemblies**
**PN: RDPDD-0182**



# Introduction

## Description

DisplayPort is a new digital display interface standard made by the Video Electronics Standards Association (VESA).  It can support digital audio and video signals transmission between notebook/personal computer/server and monitor/project/HDTV. Amphenol DisplayPort cables support signal bandwidth 21.6Gbps, high resolutions up to 4K x 2k and HDCP function. Other length can be provided on request.

## Features and Benefits

- Supports both digital video and audio signals
- Higher performance: up to 21.6Gbps data width(HBR2 5.4Gpbs/channel, total 4 channels)
- Supports Ultra High Definition (UHD) 4K x 2K video resolutions and HDCP function
- Provide scalable performance in terms of resolution, color depth and refresh rate over fewer wires to support emerging display need.
- Available content protection supports high definition movie viewing
- Auxiliary channel(1Mbps) enables new user features
- Enable an extensible, open industry standard without IP(intellectual property) barries
- Smaller size than VGA or DVI
- Excellent signal integrity and EMI performance
- DP can be used to drive displays with a VGA/DVI/HDMI interface thru a dongle

## Product Applications

- PC
- Workstation
- Notebook
- Tablet
- LCDs
- High Definition Monitors
- Projector

## Industry Standards

- DisplayPort specification rev 1.2

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## Technical Specifications

### Cable
Cable Subcategory :Display
Connectivity Left Connector Type :20 pin DisplayPort
Connectivity Right Connector Type :20 pin DisplayPort
I/O Cable Type :DisplayPort cable
Left Connector Gender :Male
Left Connector Qty :1
Right Connector Gender :Male
Right Connector Qty :1

### Header
Brand :Amphenol
Compatibility :PC
Manufacturer :Amphenol Cables
Model :6ft DisplayPort Cable with Latches Video / Audio DP 4K x 2K Male to Male
Packaged Quantity :1
Product Line :Amphenol Line

### Interface Provided
Connector Qty :1
Connector Type :20 pin DisplayPort
Gender :Male

### Interface Required
Connector Qty :1
Connector Type :20 pin DisplayPort
Gender :Male

### Miscellaneous
Color :Black
Color Category :Black
Compliant Standards :RoHS

### Dimensions & Weight
Length :6 ft

### Service & Support
Type :Limited lifetime warranty