

# PureLink DOC-050 DOC Fiber Optic DisplayPort Cable (165ft)

## DESCRIPTION:

DisplayPort utilizes a state-of-the-art digital protocol and provides an expandable foundation to enable amazing digital display experiences. Designed for low power implementation and high performance, DisplayPort enables the next generation display technology while providing compatibility with existing equipment. Designed specifically for usage in space-constrained applications like ultra-thin notebooks, netbooks and graphic cards where connector space is at a premium and where display performance really matters.

DisplayPort is designed to be the future-ready, scalable solution for high performance digital display connectivity. It enables the highest resolutions, the fastest refresh rates and deepest color depths over standard cables.

DisplayPort has unique features and capabilities that enable exciting new types of displays and display usages. And it doesn't require PC owners to replace all of their equipment because simple adaptors allow DisplayPort enabled devices to connect to monitors and projectors that use older technologies such as DVI, HDMI and VGA.

### Next Generation Revolutionary Display Interface Technology

Micro-packet architecture over 1- 4 lanes  
Embedded clocking at 1.6Gbits/sec and 2.7 Gbits/sec per lane  
Auxiliary channel for bidirectional data communications  
Powered connectors (providing up to 1.5W)

### Designed Specifically for High Performance Graphics and Flat Panel Displays

Low voltage compatibility for integration into the latest chipsets, GPU's and display controllers  
Low power and scalable lanes for integration directly in LCD panels  
Low EMI and RFI  
Compact external connector with optional latching  
Space efficient high performance for laptops, netbooks and multi-output graphics cards

### Long Cable Support

Up to 15 meters and beyond  
Digital plug and play experience for projectors

### High Performance is Standard

Beyond high definition; WQXGA at 10 bit color  
Full HD 3D stereo support  
10.8 Gbps to variably support 120hz, >12 bit color, > QXGA resolution  
Ultra-low Latency for super fast response  
High performance over standard cables

### Enables Exciting New Display Designs

Unique direct drive monitor (DDM) capability enables ultra-thin monitors  
Optional audio and HDCP enable high definition content playback and built-in speakers on multi-function displays

### Ubiquitous Connectivity to Any Display

Interoperability with DVI and HDMI signaling over DisplayPort Connector  
Compatibility with existing displays via simple adapters  
Multimode DisplayPort PCs can be connected to DVI, VGA and HDMI monitors and projectors.

### Reduces Wiring and enables Higher Performance in Laptops

Embedded DisplayPort (eDP) enables lighter weight internal cabling  
Embedded DisplayPort reduces system power enabling longer notebook battery life  
Enables higher-performance notebook LCDs for emerging applications such as 3-D stereo, 120Hz refresh rates and the deepest color depths

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- Enables Exciting New Display Designs
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- Reduces Wiring and enables Higher Performance in Laptops