PureLink DOC-040 DOC Fiber Optic DisplayPort Cable (133ft)

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 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