

DisplayPort 2.1 DP40 cable, 3m

Model No. WST-CDP003

## Introduction

The Wavesplitter DisplayPort 2.1 DP40 cable is VESA certified, and fully compatible with the DP40 standard. It boasts support for resolutions up to 16K, thanks to an impressive 40G bandwidth. This DP2.1 cable is backward compatible with DP2.0, DP1.4, DP1.3, DP1.2 and supports DP++ . Additionally, it features compatibility with AMD FreeSync and NVIDIA G-Sync technologies, ensuring smooth, tear-free gaming and video experiences at the highest frame rates and refresh rates.

## Key Features

- VESA certified DP2.1 DP40 cable for reliable performance
- UHBR10 cable supports an impressive 40G bandwidth, enabling maximum resolutions up to 16K@30Hz using DSC (Display Stream Compression) technology
- Supports cable ID detection
- Compatible with HDCP2.2, DP++ , and DSC1.2 for versatile range
- Features a DisplayPort connector without a latch design for convenient connectivity
- Equipped with gold-plated connectors and pins to enhance electrical conductivity and durability

## Package Contents

DisplayPort 2.1 DP40 cable x 1

# Specification Sheet

## Specifications

| Connector                |                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector A              | DisplayPort Male                                                                                                                                                                                                                                                   |
| Connector B              | DisplayPort Male                                                                                                                                                                                                                                                   |
| Connector Plating        | Gold Plated                                                                                                                                                                                                                                                        |
| Pin Plating              | Gold Plated                                                                                                                                                                                                                                                        |
| Housing                  |                                                                                                                                                                                                                                                                    |
| Housing Material         | ABS                                                                                                                                                                                                                                                                |
| Size W x D x H           | 21 x 37 x 11.4mm                                                                                                                                                                                                                                                   |
| Cable Construction       |                                                                                                                                                                                                                                                                    |
| Jacket Material          | PVC                                                                                                                                                                                                                                                                |
| Jacket Color             | Black                                                                                                                                                                                                                                                              |
| Jacket Diameter          | 6.5mm                                                                                                                                                                                                                                                              |
| Conductor Gauge          | 26AWG                                                                                                                                                                                                                                                              |
| Conductor Material       | Bare Copper                                                                                                                                                                                                                                                        |
| Pinout                   | Pin 20 not connected                                                                                                                                                                                                                                               |
| Shielding                |                                                                                                                                                                                                                                                                    |
| Cable Shielding          | Tinned Copper Braid. Coverage 85%                                                                                                                                                                                                                                  |
| Housing Shielding        | Tinplate                                                                                                                                                                                                                                                           |
| Technical Specifications |                                                                                                                                                                                                                                                                    |
| Standard                 | DisplayPort 2.1                                                                                                                                                                                                                                                    |
| Supported Bandwidth      | 40Gbps                                                                                                                                                                                                                                                             |
| Supported Resolutions    | 15260×8640@30Hz; 10240x4320@120Hz; 10240x4320@60Hz; 7680x4320@120Hz; 7680x4320@60Hz;<br>3840x2160@144Hz; 3840x2160@60Hz; 2560x1440@240Hz; 2560x1440@120Hz; 2560x1440@60Hz;<br>1920x1080P@360Hz; 1920x1080P@240Hz; 1920x1080P@120Hz; 1920x1080P@60Hz; 1920x1080P@3D |
| Supported Color Depth    | 8 / 10 / 12 bit                                                                                                                                                                                                                                                    |
| Minimum Bend Radius      | 65mm                                                                                                                                                                                                                                                               |
| Lengths                  | 3m                                                                                                                                                                                                                                                                 |
| Chipset                  | N/A                                                                                                                                                                                                                                                                |
| Country of Origin        | China                                                                                                                                                                                                                                                              |
| Environment              |                                                                                                                                                                                                                                                                    |
| Operating Temperature    | 0°C ~ 55°C                                                                                                                                                                                                                                                         |
| Storage Temperature      | -10°C ~ 60°C                                                                                                                                                                                                                                                       |
| Package                  |                                                                                                                                                                                                                                                                    |
| Package Style            | Polybag                                                                                                                                                                                                                                                            |

# Specification Sheet



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Barcode EAN

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## Certification

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| VESA Approval | Yes |
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| Safety & Emission | RoHS / REACH / UL |
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