

3ft (91cm) DisplayPort 2.1 Cable, VESA Certified DP40 DisplayPort Cable w/UHBR10/HDR/HDCP 2.2, 8K 60Hz/4K 144Hz w/DSC 1.2a, 40Gbps, DP 2.1 Cable, UHD Monitor Cord, M/M

**Product ID:** DP21-3F-DP40-CABLE



Connect an 8K/4K UHD DisplayPort monitor to a host computer or MST hub, using this VESA-Certified DisplayPort 2.1 DP40 Cable. This cable facilitates high bandwidth video and multi-channel audio and is ideal for 8K workstations, high performance GPUs, and dedicated AV applications including media production and content creation.

For seamless operation between DisplayPort-enabled devices, the DisplayPort 2.1 Cable is VESA Certified for guaranteed DP 2.1 and backward compatibility (DP 2.0/1.4/1.2). It supports G-Sync and FreeSync, enhancing Variable Refresh Rate (VRR) performance for optimal picture quality between high-capacity GPUs and supported displays.

This DisplayPort cable features a flexible TPE outer jacket that is tested to withstand 600 bending cycles at +/-60 degrees, and routes easily around corners and desk edges. Robust strain reliefs enable convenient positioning of the cable, and latching nickel-plated DP connectors attach securely to prevent accidental disconnection. The connectors are rated to operate beyond 10,000 insertions.

This DP40 DisplayPort cable supports the following DP 2.1 features:

- Resolutions up to 8K 60Hz w/DSC, using a compatible DP source and display
- UHBR10 supports high refresh rates including 4K 120Hz and 1440p 240Hz
- High-Bandwidth Digital Content Protection (HDCP) 2.2 for a secure connection between source and display
- High Dynamic Range 10 (HDR10) for higher contrast ratio and vibrant picture quality
- Display Stream Compression (DSC) 1.2a for maximum resolution output
- Multi-Stream Transport (MST) for daisy-chaining multiple monitors
- 32 Uncompressed Digital Audio Channels

- Backward compatible with previous DP versions

This DP 2.1 Cable is constructed with braided aluminum mylar shielding to minimize EMI for clear, consistent audio/video output and long-term reliable performance.

## Certifications, Reports and Compatibility



## Applications

- Facilitate DisplayPort 2.1 performance with backward compatibility
- Connect a high performance GPU to an 8K 60Hz UHD display

## Features

- **HIGH PERFORMANCE:** DP 2.1 Cable is designed for UHBR10-enabled DisplayPort devices; DP40 supports 40Gbps for 8K 60Hz video w/DSC and 32-channel audio; Latching DP connectors; Flexible TPE jacket routes easily through tight spaces
- **FULL DP COMPATIBILITY:** DP 2.1 Cable is VESA certified for guaranteed performance and compatibility with DP 2.1 devices, ensuring reliable signal consistency and smooth video playback on any DisplayPort display; Backward compatible with DP 2.0/1.4/1.2
- **QUALITY CONSTRUCTION:** Nickel-plated ends rated beyond 10,000 insertions; Latching DP connectors prevent accidental disconnections; Aluminum mylar shield for enhanced EMI protection; Durable TPE Jacket and strain reliefs are halogen-free and RoHS compliant
- **APPLICATIONS:** Ideal for high resolution 8K displays; Up to 144Hz refresh rate at 4K resolution; Suitable for high performance GPUs and AV workstations; Supports MST multi-monitor daisy chains; Connect a DP monitor to a UHD docking station
- **SPECS:** Black; 3-foot; VESA-Certified DisplayPort 2.1; DP40 (40Gbps); Supports UHBR10/HDR/MST/DSC 1.2/HDCP 2.2; 8K 60Hz w/DSC, 4K 144Hz, 1440p 240Hz; 32-ch Audio; Backward Compatible w/DP 2.0/1.4/1.2; 30AWG; 6.5mm (0.26in) O.D.

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### Hardware

|                           |                                |
|---------------------------|--------------------------------|
| Warranty                  | 2 Years                        |
| Active or Passive Adapter | Passive                        |
| Connector Plating         | Nickel                         |
| Cable Jacket Material     | TPE - Thermoplastic Elastomers |

|                       |                                |
|-----------------------|--------------------------------|
| Cable Shield Material | Aluminum-Mylar Foil with Braid |
| Fire Rating           | VW-1                           |
| Cable Type            | Passive Copper Cable           |
| Industry Standards    | DisplayPort 2.1                |

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#### Performance

|                            |                                |
|----------------------------|--------------------------------|
| Video Revision             | DisplayPort 2.1                |
| Maximum Data Transfer Rate | 40Gbps                         |
| Audio Specifications       | DisplayPort - 32 Channel Audio |

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#### Connector(s)

|             |                 |
|-------------|-----------------|
| Connector A | 1 - DisplayPort |
| Connector B | 1 - DisplayPort |

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#### Environmental

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 45C (32F to 113F)   |
| Storage Temperature   | -20C to 70C (-4F to 158F) |
| Humidity              | 10%~85% RH                |

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#### Physical Characteristics

|                 |                   |
|-----------------|-------------------|
| Color           | Black             |
| Connector Style | Straight          |
| Wire Gauge      | 30 AWG            |
| Material        | ABS               |
| Cable Length    | 3.0 ft [0.9 m]    |
| Cable OD        | 0.3 in [6.5 mm]   |
| Product Length  | 36.9 in [93.7 cm] |
| Product Width   | 0.8 in [2.1 cm]   |
| Product Height  | 0.4 in [1.1 cm]   |

|                              |                           |                                    |
|------------------------------|---------------------------|------------------------------------|
|                              | Weight of Product         | 2.4 oz [68 g]                      |
| <hr/>                        |                           |                                    |
| <b>Packaging Information</b> |                           |                                    |
|                              | Package Length            | 8.7 in [22.0 cm]                   |
|                              | Package Width             | 5.0 in [12.8 cm]                   |
|                              | Package Height            | 0.6 in [1.5 cm]                    |
|                              | Shipping (Package) Weight | 2.4 oz [68.0 g]                    |
| <hr/>                        |                           |                                    |
| <b>What's in the Box</b>     |                           |                                    |
|                              | Included in Package       | 1 - 3ft DP40 DisplayPort 2.1 Cable |
| <hr/>                        |                           |                                    |
| <b>Warranty Information</b>  |                           |                                    |
|                              | Warranty                  | 2 Years                            |
| <hr/>                        |                           |                                    |

*\*Product appearance and specifications are subject to change without notice.*