

10ft (3m) DisplayPort 2.1 Cable, DP40 DisplayPort Cable w/UHBR10/HDR/MST/DSC 1.2a/HDCP 2.2, 8K 60Hz, 4K 120Hz, DP 2.1 Cable M/M

Product ID: DP21-10F-DP40-CABLE



Connect an 8K/4K UHD DisplayPort monitor to a host computer or MST hub, using this DisplayPort 2.1 DP40 Cable.

For seamless operation and compatibility between DisplayPort-enabled devices, the DisplayPort 2.1 Cable is ideal for guaranteed DP 2.1 performance and backward compatibility with DP 2.0/1.3/1.2

This DisplayPort cable features a flexible TPE outer jacket to reduce wear from corner bends and long cable runs. Robust strain reliefs enable soft and flexible bending for convenient positioning of the cable. The latching nickel-plated DP connectors attach securely to prevent accidental disconnection, and 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 higher 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

The DP 2.1 Cable is constructed with braided aluminum shielding to minimize EMI for clear and reliable audio/video output. This cable is designed for long-term reliability and is the ideal solution for setting up 8K workstations, GPUs,

and docking stations.

Certifications, Reports and Compatibility

Applications

- Facilitate full-featured DisplayPort 2.1 performance
- Connect a high performance GPU to a 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 and higher refresh rates at lower resolutions; Flexible TPE jacket routes well in tight spaces and withstands up to 120-degree bends
- **FULL DP COMPATIBILITY:** The DP 2.1 Cable enables seamless compatibility with DisplayPort devices; Full-featured DP 2.1 performance and backward compatibility with DP 2.0/1.4/1.2 are guaranteed
- **QUALITY CONSTRUCTION:** Nickel-plated ends rated beyond 10,000 insertions; Latching DP connectors w/strain reliefs prevent accidental disconnection; Braided aluminum shield for enhanced EMI protection; TPE jacket is durable, halogen-free, and RoHS compliant
- **VERSATILE PERFORMANCE:** DisplayPort 2.1 DP40 supports 40Gbps across four UHBR10 (10Gbps) lanes to enable consistent high throughput; Ideal for 8K displays, high performance GPUs, MST multi-monitor daisy chains, and docking stations; Supports 32-ch audio
- **SPECS:** Black; 10-foot (3-meter); DisplayPort 2.1 supports UHBR10/HDR/MST/DSC 1.2/ HDCP 2.2; DP40 (40Gbps); 8K 60Hz/DSC, 4K 120Hz, 1440p 240Hz; 32-ch Audio; Compatible w/DP 2.0/1.4/1.2; Latching DP Connectors; 30AWG; 8.2mm (0.32in) O.D.

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 Rated
Cable Type	Passive Copper Cable

Industry Standards	DisplayPort 2.1
--------------------	-----------------

Performance

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

Connector(s)

Connector A	1 - DisplayPort
Connector B	1 - DisplayPort

Environmental

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

Physical Characteristics

Color	Black
Connector Style	Straight
Wire Gauge	30 AWG
Material	ABS
Cable Length	9.8 ft [3 m]
Cable OD	0.3 in [8.2 mm]
Product Length	9.9 ft [3.0 m]
Product Width	0.8 in [2.1 cm]
Product Height	0.4 in [1.1 cm]
Weight of Product	0.0 oz [0.0 g]

Packaging Information

Package Length	7.9 in [20.0 cm]
----------------	------------------

Package Width	8.7 in [22.0 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	11.5 oz [325.0 g]

What's in the Box

Included in Package	1 - 10ft (3m) DisplayPort 2.1 Cable
---------------------	-------------------------------------

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