1m 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: DP21-1M-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; 1-meter; 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.

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 (20 pin) Male
	Connector B	1 - DisplayPort (20 pin) Male
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	3.3 ft [1 m]
	Cable OD	0.3 in [6.5 mm]
	Product Length	3.4 ft [1.0 m]
	Product Width	0.8 in [2.1 cm]
	Product Height	0.4 in [1.1 cm]

	Weight of Product	2.3 oz [66.0 g]
Packaging Information		
	Package Length	8.7 in [22.0 cm]
	Package Width	5.0 in [12.8 cm]
	Package Height	0.8 in [2.1 cm]
	Shipping (Package) Weight	2.5 oz [70.0 g]
What's in the Box		
	Included in Package	1 - 1m DP40 DisplayPort 2.1 Cable

Product appearance and specifications are subject to change without notice.