3m (10ft) 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: DP21-3M-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 full-featured DisplayPort 2.1 performance

• Connect a high performance GPU to a 8K 60Hz UHD display

• VESA Certified cable for guaranteed DisplayPort compatibility

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 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; 3-meter (10-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; 8.2mm (0.32in) O.D.

Hardware

Warranty	Lifetime
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
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	10.1 ft [3.1 m]
	Product Width	0.8 in [2.2 cm]
	Product Height	0.6 in [1.4 cm]
	Weight of Product	9.7 oz [275.0 g]

Packaging Information		
	Package Length	7.9 in [20.1 cm]
	Package Width	7.8 in [19.9 cm]
	Package Height	1.9 in [4.9 cm]
	Shipping (Package) Weight	10.1 oz [286.0 g]
What's in the Box		
	Included in Package	1 - 3m DisplayPort 2.1 Cable
Warranty Information		
	Warranty	Lifetime

Product appearance and specifications are subject to change without notice.