1m DisplayPort 2.1 Cable, VESA Certified DP80 DisplayPort Cable w/UHBR20/HDR/DSC 1.2a/HDCP 2.2, 16K/8K 60Hz, 4K 240Hz, 80Gbps, DP 2.1 Cable, UHD Monitor Cord, M/M

Product ID: DP21-1M-DP80-CABLE

Connect a 16K/8K UHD DisplayPort monitor to a host computer or MST hub, using this VESA-Certified DisplayPort 2.1 DP80 Cable. This cable facilitates high bandwidth video and multi-channel audio and is ideal for 16K/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.
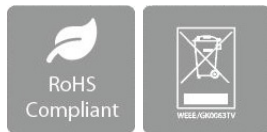
This DP80 DisplayPort cable supports the following DP 2.1 features:

• Resolutions up to 16K 60Hz w/DSC, using a compatible DP source and display

• UHBR20 supports high refresh rates including 8K 85Hz, 4K 240Hz, 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

RoHS
Compliant

WEEE/GK0083TV

Applications

• Facilitate full-featured 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 UHBR20-enabled DisplayPort devices; DP80 (80Gbps) supports up to 16K 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; Shielded coaxial wire for enhanced EMI protection; Durable TPE Jacket and strain reliefs are halogen-free and RoHS compliant

• APPLICATIONS: Ideal for high resolution 16K/8K displays; Up to 240Hz 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; Supports UHBR20/HDR/MST/DSC 1.2/HDCP 2.2; DP80 (80Gbps); 16K 60Hz w/DSC, 8K 85Hz, 4K 240Hz; 32-ch Audio; Compatible w/DP 2.0/1.4/1.2; Latching DP Connectors; 30AWG Coaxial Wire; 5.8mm (0.23in) O.D.

Website Filters

	Warranty	2 Years
	Fire Rating	VW-1 Rated

Hardware

Active or Passive Adapter	Passive
Connector Plating	Nickel
Cable Jacket Material	TPE - Thermoplastic Elastomers
Cable Shield Material	Aluminum-Mylar Foil with Braid
Cable Type	Passive Copper Cable
Industry Standards	DisplayPort 2.1

Performance

Video Revision	DisplayPort 2.1
Maximum Data Transfer Rate	80Gbps
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	3.3 ft [1 m]
Cable OD	0.2 in [5.8 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	2.8 oz [80.0 g]	

**Packaging
Information**

Package Length	8.7 in [22.0 cm]	
Package Width	4.9 in [12.5 cm]	
Package Height	0.8 in [2.0 cm]	
Shipping (Package) Weight	3.0 oz [86.0 g]	

What's in the Box

Included in Package	1 - 1m DP80 DisplayPort 2.1 Cable

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