7.6m (25ft) Active DisplayPort 1.4 Cable, DP8K DisplayPort Cable w/HBR3, HDR10, MST, DSC 1.2, HDCP 2.2, 8K 60Hz, 4K 120Hz - DP 1.4 Cable M/M

Product ID: DP14A-7M-DP-CABLE



Connect a 4K/8K DisplayPort 1.4-enabled monitor to a source or MST-enabled hub, using this Active DisplayPort 1.4 Cable. The active signal booster delivers reliable audio and 8K video output at up to 25ft (7.6m) without a DisplayPort repeater and external power source. This active DP 1.4 cable is unidirectional with conveniently labeled connectors for source and display to simplify setup.

This long 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 bends, for convenient positioning of the cable. The latching DP connectors are gold plated for improved conductivity and anti-tarnish properties, and attaches securely to the device to prevent accidental disconnection.

This 8K DisplayPort cable supports all DP 1.4 features:

• Resolutions up to 8K 60Hz, 4K 120Hz, 1440p 240Hz with a compatible DP source and display

• HDCP 2.2 support

• High Bit Rate 3 (HBR3) bandwidth of 32.4Gbps

• High Dynamic Range 10 (HDR10)

• Display Stream Compression 1.2 (DSC 1.2)

• Multi-Stream Transport (MST) for daisy-chaining multiple monitors

• 32 Uncompressed Digital Audio Channels

• Backward compatible with 5K 60Hz, 4K 120Hz and previous DP versions

The Active DP Cable is constructed with aluminum-mylar shielding to minimize EMI interference for clear and reliable audio/video output. This DP cable is designed for long-term reliability, and is the ideal solution for setting up

boardrooms, video walls, and TV signage.

Certifications, Reports and Compatibility



Applications

Features

• DESIGNED FOR LONG RANGE: 7.6m (25ft) Active DisplayPort 1.4 Cable delivers 8K video beyond the length of passive cables; Integrated self-powered signal booster enables consistent performance without the need for a DP booster or external power source

• DURABLE CONSTRUCTION: Latching gold-plated connectors with robust strain reliefs to prevent accidental disconnects; TPE outer cable jacket is flexible, non-toxic, halogen-free, and RoHS compliant; Shielded cable and connector for enhanced EMI protection

• VERSATILE INSTALLATION: This active DP 1.4 cable is unidirectional, with conveniently labeled connectors for source and display; 7.5mm Cable O.D. is identical to passive cables and improves flexibility; VW-1 Fire rated jacket enhances flame resistance

• APPLICATIONS: Ideal for high resolution 8K displays; Up to 120Hz 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; 7.6m (25ft); Unidirectional cable; DP8K supports HBR3/HDR10/MST/DSC 1.2/HDCP 2.2; 8K 60Hz, 4K 120Hz, 1440p 240Hz w/DSC; Backward Compatible w/ DP 1.3/1.2; Cable O.D.: 7.5mm; Gold-Plated Connectors; Rugged TPE Jacket w/Aluminum Mylar Shield

Hardware

Warranty	2 Years
Active or Passive Adapter	Active
Connector Plating	Gold
Cable Jacket Material	TPE - Thermoplastic Elastomers
Cable Shield Material	Aluminum-Mylar Foil with Braid
Fire Rating	VW-1
Chipset ID	SPECTRA7 VR8300B0-C-R

Performance		
	Video Revision	DisplayPort 1.4
	Maximum Data Transfer Rate	25.92 Gbps
	Maximum Digital Resolutions	8K 60Hz 4K 144Hz
	Audio Specifications	DisplayPort - 7.1 Channel Audio
	General Specifications	Maximum Bandwidth: 32.4 Gbps
	Supported Protocols	DisplayPort 1.4 , DisplayPort 1.2
Connector(s)		
	Connector A	1 - 20 pin DisplayPort Male
	Connector B	1 - 20 pin DisplayPort Male
Special Notes / Requirements		
	System and Cable Requirements	DSC (Display Stream Compression) technology reduces the bandwidth required to transmit video signals, enabling higher resolutions and faster refresh rates without compromising visual quality
Environmental		
	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	0%~85% RH
Physical Characteristics		
	Color	Black
	Connector Style	Straight
	Wire Gauge	24/28 AWG
	Cable Length	25.1 ft [7.6 m]
	Cable OD	0.3 in [7.5 mm]
	Product Length	25.1 ft [7.6 m]

	Product Width	0.8 in [2.0 cm]
	Product Height	0.4 in [1.1 cm]
	Weight of Product	1.1 lb [0.5 kg]
Packaging Information		
	Package Quantity	1
	Package Length	8.1 in [20.5 cm]
	Package Width	9.9 in [25.1 cm]
	Package Height	2.0 in [5.1 cm]
	Shipping (Package) Weight	1.1 lb [0.5 kg]
What's in the Box		
	Included in Package	1 - Active DisplayPort 1.4 8K Cable
Warranty Information		
	Warranty	2 Years

Product appearance and specifications are subject to change without notice.