USB-C to DisplayPort Active Adapter Cable with Equalizer (M/F), UHD 8K, HDR, 60W PD Charging, White, 6 in. (15.2 cm)

MODEL NUMBER: **U444-06N-DP8WC**

USB-C to DP cable connects a DisplayPort monitor to your MacBook Pro or Windows laptop's USB-C or Thunderbolt 3 port.

Features

USB-C to DP Converter Gets Your Gaming, Home Theater or Digital Signage Setup 8K-Ready
This high-speed USB Type-C to DisplayPort adapter (M/F) connects a DisplayPort monitor, projector or television to the USB-C or Thunderbolt 3 port on your MacBook Pro, Windows laptop, Surface tablet or media center. Backward compatible with all your existing USB-C sources and DisplayPort displays, the U444-06N-DP8WC is ideal for future-proofing your 1080p or 4K audio/video application in anticipation of an 8K upgrade. It flawlessly handles data transfer speeds up to 32 Gbps.

Supports USB-C DisplayPort 1.4 Alternate Mode for Converting Audio/Video Signals
By connecting the USB-C cable to a source device that supports USB DisplayPort 1.4 Alt Mode, you can output 8K video and digital audio to a DisplayPort monitor, television or projector without installing special software drivers. The cable is backward compatible with DP 1.2 Alt Mode signals.

Enjoy the Clarity of 4K/8K Video with Digital Audio, HDR and 4:4:4 Color
The U444-06N-DP8WC supports Ultra High Speed 8K video resolutions up to 7680 x 4320 at 30 Hz, as well as 48-bit Deep Color and per-lane transfer rates of 8.1 Gbps (HBR3), 5.4 Gbps (HBR2), 2.7 Gbps (HBR) and 1.62 Gbps (RBR). HDR provides a wide range of vibrant colors with rich contrast, bright whites and deep blacks that pop on your 8K or 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. An equalizer built into the DisplayPort connector automatically adjusts the video image to perfect clarity.

PD 3.0 Charging Port Charges Host Device via AC Wall Charger
The USB-C Power Delivery port supports power output up to 20V 3A (60W), which is sufficient for charging and powering the connected source device, such as a MacBook or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. The PD 3.0 Charging port is backward compatible with earlier PD Charging versions.Note: USB-C PD port does not support Quick Charge (QC).

Reversible USB-C Connector Attaches in Either Direction
Unlike traditional USB cables that connect in only one direction, the reversible USB-C male connector plugs into a USB-C or Thunderbolt 3 port in either direction for an instant connection every time.

Highlights

- Converts audio/video signals from sources supporting USB DisplayPort Alt Mode
- Supports UHD resolutions up to 8K @ 30 Hz (4:4:4) for enhanced video without latency
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- USB-C PD 3.0 port supports 20V 3A (60W) power output for charging host device
- Built-in equalizer sharpens the image and ensures perfect 8K clarity on your display

Applications

- Watch 8K video from a compatible MacBook Pro, Windows laptop, Surface tablet, smartphone or media center on a compatible television, monitor or projector
- Connect a laptop to a conference table's A/V box to give a video presentation on a large screen
- Play online or PC video games that display optimal graphics
- Send 8K video content to digital signs or point-of-sale displays

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort 1.4 Alternate Mode
- Display device with DisplayPort 1.4 input
- DisplayPort 1.4 cable (M/M)
- Both source and display devices must be compatible with 8K standards to watch 8K video

Package Includes

- U444-06N-DP8WC USB-C to DisplayPort Adapter Cable, M/F, White, 6 in.
- Instruction sheet

Ready to Use Right from the Package, So You Can Plug and Play Immediately
The plug-and-play USB Type-C to DisplayPort adapter requires no software or external power. Just connect the USB-C plug to the USB-C or Thunderbolt 3 port on a source device that supports USB DisplayPort Alternate Mode, and connect the DisplayPort end to your monitor or HDTV with a DisplayPort cable (sold separately). The uni-directional cable directs A/V signals only from USB-C to DisplayPort.

Specifications

OVERVIEW	
UPC Code	037332255570
Product Type	Active Cable
Technology	DisplayPort

VIDEO	
Video Input	USB C (MALE)
Video Output	DISPLAYPORT (FEMALE)
Number of Monitors Supported	1
Video Ports	DISPLAYPORT (FEMALE)
Video Ports Details	DisplayPort 1.2a; HDCP 1.4; HDCP 2.2; DisplayPort 1.4
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	7860 x 4320 (8K) @ 30Hz
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes

INPUT	
Bus Powered	Yes

BATTERY	
Battery Charging (5V/1.5A Port)	No

POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	20V/3A; 60W

CHARGING	
Number of Charging Ports	1
Total Charging Amps	3

Total Charging Watts	60
Charging Port Type	USB C (FEMALE)
Charging Ports	USB-C: 60W (20V 3A) Power Delivery (PD 3.0)
Charging Ports / Amps	3A
Charging Method Detail	x1 PD 3.0 Charging Port, 60W (20V/3A)

PHYSICAL	
Color	White
Material of Construction	ABS
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	3.9mm
Wire Gauge (AWG)	34/28
Cable Length (ft.)	0.5
Cable Length (m)	0.15
Cable Length (in.)	6
Cable Length (cm)	15.2
Number of Displays	1
Shipping Dimensions (hwd / in.)	0.78 x 4.72 x 3.93
Shipping Weight (lbs.)	0.09
Unit Packaging Type	Box
Unit Weight (lbs.)	0.070
Unit Weight (kg)	0.03

ENVIRONMENTAL	
Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing

CONNECTIONS	
Number of Ports	2
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	USB C (MALE)
Connector Plating	Nickel
Contact Plating	Gold

FEATURES & SPECIFICATIONS	
Displayport Specification	1.2; 1.4
HDCP Specification	1.4; 2.2
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
IP68 Rated	No
Built-In Equalizer	No
IP20 Rated	No

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty