# 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 |
| Host Connector | USB C (MALE) |
| Cable Type | Active |

| 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 Method Detail | x1 PD 3.0 Charging Port, 60W (20V/3A) |
| Charging Port Type | USB C (FEMALE) |
| Charging Ports | USB-C: 60W (20V 3A) Power Delivery (PD 3.0) |
| Charging Ports / Amps | 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** | |
|---|---|
| USB Specification | USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps) |
| Built-In Equalizer | No |
| IP68 Rated | No |
| IP20 Rated | No |
| Displayport Specification | 1.2; 1.4 |
| HDCP Specification | 1.4; 2.2 |

| **STANDARDS & COMPLIANCE** | |
|---|---|
| Product Compliance | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE |

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