



## USB 3.2 Gen 2 Type-C Slim Active Optical Cable, 3 m

AOC USB-C Male to USB-C Male, SuperSpeed+ USB, 10 Gbps, 100 W / 5 A, 4K@60Hz, Gold-plated Contacts, Double Shielding, Black

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### USB C Active Optical Cable (AOC) - Type-C male to Type-C male - Get up to 10G data, 4K video and 100 W power over extra-long distances

The Manhattan USB 3.2 Gen 2 Type-C Device Active Optical Cable easily connects a USB-C device to a USB-C port. Sync music, photos or data with ultra-fast speeds up to 10 Gbps. The reversible USB-C connector will always fit, no matter which way you insert the cable. This AOC cable's high-capacity delivery of data, video and power makes it particularly useful for digital signage and retail/Point-of-Sale applications.

#### Active optical technology - 10G without signal loss

AOC technology offers several advantages over standard USB cables. Its smaller cable diameter ensures greater flexibility and maneuverability during installation into tight spaces. If you've noticed a slowdown during large data transfers between your devices, a USB 3.2 Gen 1 cable (formerly known as USB 3.0) with only 5 Gbps or even a USB 2.0 Type-C cable may be the bottleneck limiting performance in your entire system. The USB-C AOC cable from Manhattan lets you be sure that your setup gets the maximum data throughput of 10 Gbps without any limitations, even over the extended range this cable provides. Its high bandwidth also allows 4K video transfer to displays that support input via USB-C.

#### Power Delivery (PD) support to fast-charge even a laptop

Thanks to the versatility of USB 3.2, you can use this cable to charge a laptop, Apple Macbook®, Macbook Pro®, Google Chromebook™, tablet and more with power up to 100 W from a USB-C wall charger, power bank or car charger (available from Manhattan).

#### Features:

- USB-C male to USB-C male for connecting a Type-C device to a Type-C port over longer distances without signal loss
- USB 3.2 Gen 2 compliant, supporting SuperSpeed+ transfer rates up to 10 Gbps
- Fiber and copper-wire hybrid for a thinner cable with sleek USB-C connector, ideal for in-wall installations and narrow spaces
- Ideal for pro-AV, VR, home theater, medical, security, digital signage, broadcast, and commercial video installations
- USB-C compliance with DisplayPort 1.4 Alternate Mode (DP Alt Mode) for resolutions up to 4K@60Hz on supported devices and displays
- Supports USB Power Delivery (PD) function up to 100 W and current up to 5 A
- Optical design highly resistant to EMI (electromagnetic) and RFI (radio frequency) interference
- Double-shielded for maximum signal integrity and durability
- Ultra-thin format for more flexibility and simplified cable management in dense installations
- Gold-plated contacts for corrosion-free connections
- Plug-and-play installation; no configuration required
- Compatible with Windows®, macOS®, Android™, iOS®, Chrome OS®, iPadOS®, and Linux®
- Heavy-duty strain relief
- Backward compatible with USB 3.0 and USB 2.0

- Bi-directional design, can be plugged in both directions for power; uni-directional design for data and video with plugs marked Source and Display
- Three-year warranty

**Specifications:**

## Standards and Certifications

- CE
- FCC
- RoHS
- REACH
- UKCA

## General

- Two USB-C 24-pin males, gold-plated contacts
- 30/34 AWG
- Fiber: OM3
- Double shielding: aramid fiber and aluminum
- Jack materials: PVC
- Boot materials: molded PVC with strain relief
- Die-cast zinc alloy connector material
- Minimum bend radius: 20 mm
- Jacket OD: 3 mm
- Retention strength cable: 10 kg (100 N)
- Length: 3 m
- Net weight: 80 g
- Gross weight: 120 g

## Electrical

- Withstanding voltage: 300.0 V DC 10 ms
- Insulation resistance: 5 MOhm
- Contact resistance: 2 Ohm
- Supported current: 5.0 A

## Operating Environment

- Operation temperature: -10 to 50°C
- Storage temperature: -20 to 60°C
- Operating humidity (non-condensing): 10 to 85%

## Package Contents

- USB 3.2 Gen 2 Type-C Active Optical Cable (USB C Male to Male)

