

USB 3.2 Gen 2 Type-C Active Optical Cable

AOC USB-C Male to USB-C Male, 10 m (33 ft.), SuperSpeed+ USB, 10 Gbps, 60 W / 3 A, 4K@30Hz, Black

Part No.: 356428

EAN-13: 0766623356428 | UPC: 766623356428

USB C Active Optical Cable (AOC) - Type-C male to Type-C male - Get up to 10G data, 4K video and 60 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.

For more information on Manhattan products, consult your local dealer or visit www.manhattan-products.com.
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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 60 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 to USB-C device ports
- Overcomes the USB-C distance limitation for power, data and video without signal loss; great for digital signage, retail/Point-of-Sale and more
- USB 3.2 Gen 2 compliant, supporting SuperSpeed+ transfer rates up to 10 Gbps; backward compatible with USB 3.0/USB 2.0
- Fiber and copper-wire hybrid for a thinner cable, ideal for installation in tight and narrow spaces
- USB-C compliance with DisplayPort 1.4 Alternate Mode (DP Alt Mode) for resolutions up to 4K@30Hz on supported devices and displays
- Supports USB Power Delivery (PD) function up to 60 W and current up to 3 A
- Foil, braid and fiber triple shielding to reduce EMI and other interference sources
- Aramid fiber components for maximum strength and heat resistance
- Bus powered - no external power required
- Plug-and-play installation; Windows®, macOS®, Android™, iOS®, Chrome OS®, iPadOS® and Linux® compatible
- Corrosion-resistant contacts
- Heavy-duty strain relief
- 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

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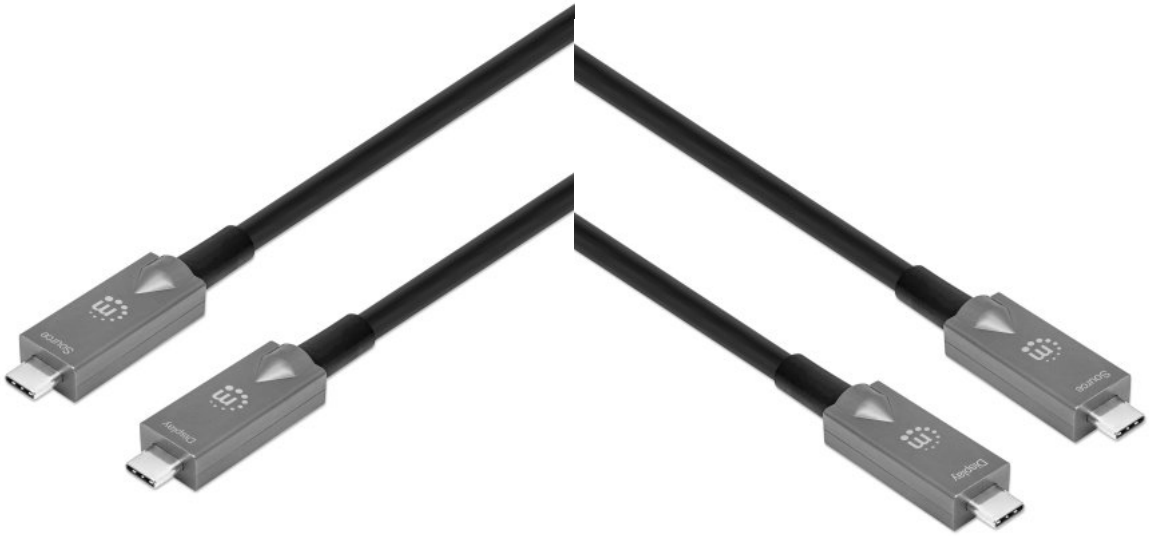
- 24/28 AWG
- Triple shielding: aluminum foil, braid and aramid fiber
- Fiber: OM3
- Molded TPE boot with strain relief
- Die-cast zinc alloy connector material
- Jacket OD: 6.5 mm (2.56 in.)
- Bend radius: 60 mm (2.36 in.)
- Length: 10 m (33 ft.)
- Net weight: 650 g (1.43 lbs.)
- Gross weight: 750 g (1.65 lbs.)

Electrical
- Withstanding voltage: 300.0 V DC 10 ms
- Insulation resistance: 5 MOhm
- Contact resistance: 2 Ohm
- Supported current: 3.0 A

Operating Environment
- Operation temperature: -10 - 50°C (14 - 122°F)
- Storage temperature: -20 - 60°C (-4 - 140°F)
- Humidity (noncondensing): 10 - 85%

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



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