OTHER WORLD COMPUTING



Longer Distance
Up to 16 feet of connectivity

Maximum Performance
Up to 40Gb/s speed
and up to 240W power

Highest Reliability
Immune to EMI/RFI
interference

Universal USB-C Compatibility
Thunderbolt 4/3 and
USB4/3/2

OWC USB4 40Gb/s Active Optical Cable

The Fastest, Most Powerful, and Reliable Cost-Effective Solution for Long Distance Thunderbolt and USB4 Connectivity

Go the Distance at Lightspeed

When distance, performance, and reliability matter, OWC USB4 Active Optical Cables are the answer your customers are seeking for long-distance connectivity of their Thunderbolt 4/3 and USB4/3/2 devices. Featuring universal USB-C® connectivity, DisplayPort Alt Mode support, and optical fiber technology, these premium-quality cables eliminate the 2-meter distance limit of traditional copper-based Thunderbolt and USB4 cables and connecting directly to both Thunderbolt and standard USB-C displays without a dock. Place devices further away for noise reduction, provide more convenient access, hide them for a more aesthetic work environment, or enable more efficient cable management in professional settings. Available in 3M and 5M lengths with up to 16 feet of reach, they give your customers the right cable for every display and every distance.

Key Features

- **Placement Flexibility:** Solves the longer distance connectivity needs of Thunderbolt 40Gb/s and USB4 devices by enabling optimal placement for a highly organized, convenient, quieter, and productive workspace.
- **If It's Lit, You're Legit:** Features LED indicators on both ends that confirm your connection status at a glance.
- **Versatile Connections:** Connect to externally powered Thunderbolt 40Gb/s and USB4 equipped docks/hubs, displays, eGPUs, PCIe expansion, RAID storage, and more.[1,2]
- **Powerful:** Lab certified for safe power delivery from Thunderbolt and USB-C devices that provide power delivery to a host machine.
- **Diverse Displays:** Supports high resolution Thunderbolt displays up to 8K including Apple Pro Display XDR, Apple Studio Display, LG Ultrafine, and other Thunderbolt based displays. Also supports USB-C displays using DisplayPort Alt Mode.
- **Premium Reliability:** Braided nylon exterior over advanced internal fiber optical cable for highly durable and consistent signal reliability immune to EMI/RFI interference.
- **Guaranteed Quality:** 3 Year OWC Limited Warranty.

1. Due to the varying power needs of bus-powered devices, use of these cables with such devices is not recommended.
2. Using with an OWC ThunderBlade X8 may result in reduced performance, with maximum speeds up to 1800MB/s.



PART NUMBER	LENGTH	UPC	AVAILABLE
OWCCBLUS4A203M	3.0M (9.8 feet)	810179177416	October 2026
OWCCBLUS4A205M	5.0M (16.3 feet)	810179177409	October 2026

OWC USB4 40Gb/s Active Optical Cable Tech Specs

Includes

- (1) OWC USB4 40Gb/s Active Optical Cable

Cable Connections

- Thunderbolt (USB-C) male[3]

Specifications

Power Transmission

- Supports USB PD3.1 standards to deliver:
  - 240W 48V/5A (3M)
  - 60W 20V/3A (5M)

Data Rate

- Thunderbolt 4: 40Gb/s
- Thunderbolt 3: 40Gb/s
- USB4: 40Gb/s
- USB-C: up to 20Gb/s

Color

- Black

Certifications

- E-Mark IC

Connection LED

- Interface | Host End | Device End
- USB4 | Blue | Blue
- USB 3 | White | White
- DisplayPort 1.4 | Yellow | Green
- DisplayPort 1.2 with USB3.2 | White | Green
- Connection Issue | Red | Red

Light Status when connected to device:

- USB4: Blue
- USB 3: White
- DisplayPort 1.4/1.2: Green
- Connection Issue: Red

Note: For host connections, DisplayPort 1.4 will appear Yellow and DisplayPort 1.2 with USB 3.2 will appear White.

Warranty

- 3 Year OWC Limited Warranty

Dimensions + Weight

Length

- 3M (9.8 feet)
- 5M (16.3 feet)

Weight

- **3M:** 4.24 oz / 120 g
- **5M:** 5.3 oz / 150 g

Retail Box Dimensions

3M

- 6.4 in x 7.7 in x 1.1 in
- 163.5 mm x 195.5 mm x 28 mm

5M

- 6.4 in x 7.7 in x 1.1 in
- 163.5 mm x 195.5 mm x 28 mm

Retail Box Weight

- **3M:** 6.1 oz / 174 g
- **5M:** 7.2 oz / 203g

Master Carton Dimensions

3M (40 pieces)

- 13.9 in x 14.5 in x 12.6 in
- 352 mm x 367 mm x 32 mm

5M (40 pieces)

- 13.9 in x 14.5 in x 12.6 in
- 352 mm x 367 mm x 321 mm

Note: There are 20 pieces in each layer, total 2 layers in master carton.

Master Carton Weight

- **3M (40 pieces):** 15.3 lbs / 7.0 kg
- **5M (40 pieces):** 20.0 lbs / 9.1 kg

Operating Environment

Environment (Operating)

- Temperature (°F): 32° to 131°
- Temperature (°C): 0° to 55°
- Relative Humidity: 5%-90% (non-condensing)

Environment (Non-Operating)

- Temperature (°F): -4° to 185°
- Temperature (°C): -20° to 85°
- Relative Humidity: 5%-90% (non-condensing)

3. Supports DisplayPort™ 1.4 over Thunderbolt for simultaneous high-quality audio/video output, data transfer, and device charging. Not compatible with Thunderbolt 5 devices.

OWC USB4 40Gb/s Active Optical Cable
Sales and Marketing Brief

The OWC Connector Cable Difference

Confidence: Performance and reliability have been OWC priorities as a leading developer of technology solutions since 1988. That's why each OWC USB4 40Gb/s Active Optical Cable is manufactured with premium materials and certified by multiple testing labs to ensure 100% reliability and complete satisfaction.

Proven: Highly rated by independent tech pros and trusted across the planet by performance artists, influencers, creators, hybrid workers, and students.

Complete: With universally compatible USB-C connectors, OWC USB4 40Gb/s Active Optical Cables are ready for immediate data, video, and power uses with millions of devices and offer a 3 Year OWC Limited Warranty.

Support: Award-winning customer support is just a click or call away.

Who it's for:

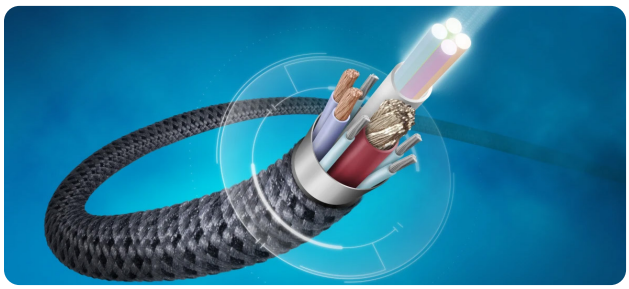
- Users wanting to connect Thunderbolt displays and devices over longer distances and/or extend the length of their device daisy chain.
- Filmmakers, DITs, and video editors wanting to place their RAID storage further away to reduce noise distraction.
- Audio/Video professionals with large control panels/switches looking to enhance their connectivity needs.
- Photographers wanting greater freedom of camera movement by tethering during in-studio shoots.
- Thunderbolt Share users wanting connectivity between devices at a greater distance in the same room.
- Gamers wanting to distance their eGPU from their laptop for noise-free gaming and to free up room for monitors, mic, and camera.
- Users wanting to place devices in a more convenient location or even "hide" them for a more aesthetic work environment.
- Users looking for a cost-effective solution to extend Thunderbolt connectivity over distances greater than 2 meters.
- Users with standard USB-C monitors who want a direct display connection without a Thunderbolt dock.
- Businesses outfitting conference rooms that need to connect a wall-mounted TV to a dock or hub farther away for Zoom calls and video conferencing.

Light-Powered Performance

With 40Gb/s of stable performance at up to 16 feet, OWC USB4 40Gb/s Active Optical Cables can be used to transfer, backup, and stream audio, video, photos, and general data files at speeds and distances never seen before. By combining cutting-edge optical design with decades-proven attention to quality, this cable was created to provide unparalleled performance and reliability at a price that outshines other long-distance connectivity choices available today.

	USB4 40Gb/s Active Optical Cable	Copper Cable
Bandwidth *More data at faster data rates over longer distance.*	✓	✗
Signal Quality *Immune to EMI/RFI interference.*	✓	✗
Distance *Supports stable signal beyond 2 meters.*	✓	✗
Flexibility *Bend and shape for easier routing.*	✓	✗

OWC USB4 40Gb/s Active Optical Cable Features Selling Guide



Advanced Optical Technology for Signal Stability

By utilizing advanced multi-mode optical fiber technology, OWC USB4 Active Optical Fiber Cables are custom built for bandwidth intensive applications that require stable, consistent signal transmission and power delivery free from EMI and RFI interference.



All the Right Connections

With universal USB-C connectivity and highly durable braided construction, OWC USB4 40Gb/s Active Optical Cables are a premium quality It Just Works solution for millions of Thunderbolt 4/3 and USB4/3/2 computers, tablets, smartphones, drives, RAID arrays, eGPUs, cameras, displays, docks, card readers, and more.



Power and Pixels Galore

OWC USB4 40Gb/s Active Optical Cables deliver more than the highest speed with the most reliability over long distance. Up to 240W of power delivery can be put to work wherever it's needed. Stunning visuals are a Plug and Play connection away with display support up to 8K.



Built Tough for Premium Durability and Reliability

A braided nylon exterior over advanced internal fiber optical cable ensures every OWC USB4 40Gb/s Active Optical Cable delivers premium quality durability and reliability.



Works With Every Display

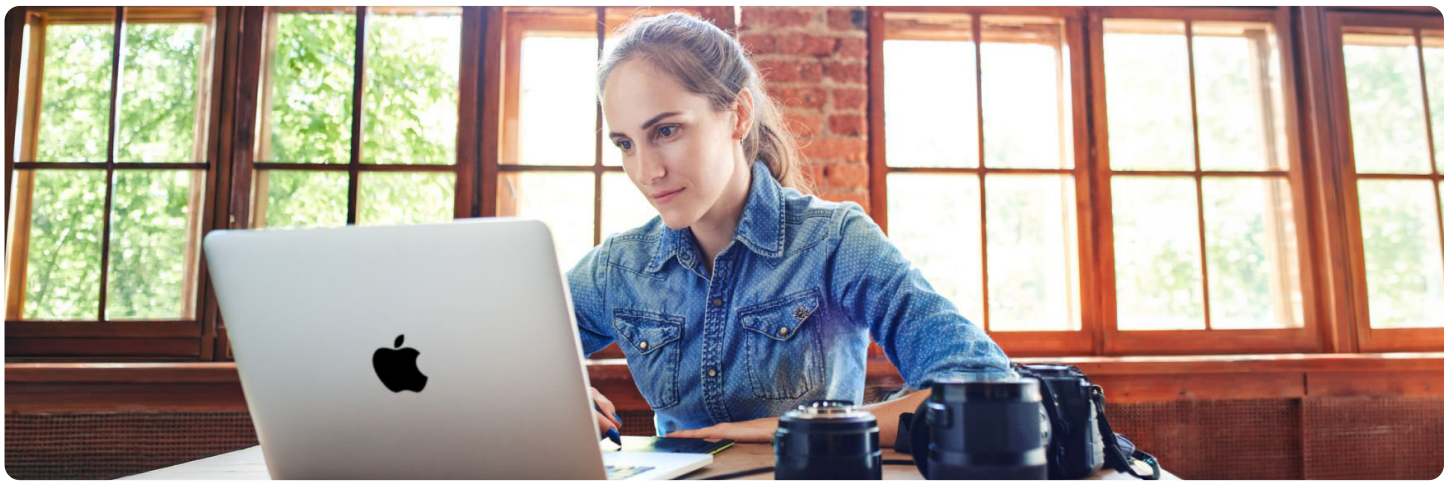
Available in 3M and 5M lengths, the OWC USB4 Active Optical Cable connects directly to both Thunderbolt and standard USB-C monitors via DisplayPort Alt Mode with no Thunderbolt dock required. When customers ask why their USB-C display won't work with their existing cable, this is the answer.



If It's Lit, You're Legit

OWC USB4 Active Optical Cable features LED indicators on both ends that confirm your connection status at a glance. Blue indicates full USB4 speeds, white indicates USB 3, and DisplayPort status is indicated as well. Red on either end signals a connection issue that needs attention.

OWC USB4 40Gb/s Active Optical Cable
Use Cases



- **Reduce Workspace Noise:** Place Thunderbolt RAID storage systems (like OWC ThunderBay 4/8 or Flex 1U4/8) and other devices with cooling fans farther from your desk to minimize noise while keeping full Thunderbolt performance.
- **Improve Workspace Aesthetics:** Hide or relocate Thunderbolt docks, Thunderbolt displays, and other externally powered Thunderbolt/USB4 devices to less visible locations for a cleaner, more organized workspace via long-distance connectivity.
- **Extend Thunderbolt Dock Connectivity:** Connect your computer to a Thunderbolt dock at distances up to 3M or 5M depending on model. All devices connected to the dock, including displays, storage, and peripherals, work just as they normally would.
- **Flexibility to bend and shape for easier routing:** Easily connect Thunderbolt-equipped monitors such as the Apple Pro Display XDR, Apple Studio Display, or LG UltraFine at longer distances without losing performance.
- **Ideal for Studio and Rack Setups:** Extend Thunderbolt/USB4 connections between rack-mounted equipment and computers in studios or stages where each device has independent power sources.
- **Power Your Laptop Over Distance:** Charge your laptop through this cable when connected to a Thunderbolt or USB4 dock, hub, eGPU, RAID, or PCIe chassis that provides Power Delivery over Thunderbolt. Delivers up to 240W (3M) or 60W (5M models) from the device to your laptop.
- **Camera Tethering to Laptop:** Use this cable to connect your DSLR or mirrorless camera to your laptop for studio sessions in Lightroom or Capture One. Its durable, flexible design makes it more comfortable to work with than standard USB-C cables.

Do Not Use With

- **Bus-Powered Devices:** Devices without their own external power supply or "brick" (like bus-powered portable SSDs and hard drives or portable displays) that receive their power via USB-C are NOT recommended and may not function properly.

OWC USB4 40Gb/s Active Optical Cable
Marketing Copy

25 words
OWC USB4 40Gb/s Active Optical Cables are the fastest, most powerful, and reliable solution for cost-effective long-distance Thunderbolt and USB4® connectivity.

50 words
OWC USB4 40Gb/s Active Optical Cables deliver fast, reliable long-distance Thunderbolt and USB4® connectivity with DisplayPort Alt Mode support for direct connection to standard USB-C displays. Available in 3M and 5M lengths with up to 240W power delivery and 8K video resolution at up to 16 feet.

100 words
OWC USB4 40Gb/s Active Optical Cables are the fastest, most powerful, and reliable solution for cost-effective long-distance Thunderbolt and USB4® connectivity. Available in 3M and 5M lengths with up to 240W power delivery and 8K video resolution at up to 16 feet, they eliminate the 2-meter distance limit of traditional copper-based Thunderbolt and USB4 cables. Featuring universal USB-C connectivity with DisplayPort Alt Mode support, they connect directly to both Thunderbolt and standard USB-C displays without a dock. Place devices further away, reduce cable clutter, and deliver the performance your customers need wherever they need it.

Per-SKU Short Descriptions

- **3M, 240W:** 3-meter USB4 active optical cable with 240W power delivery. Supports DisplayPort Alt Mode for USB-C displays.
- **5M, 60W:** 5-meter USB4 active optical cable with 60W power delivery. Supports DisplayPort Alt Mode for USB-C displays.