USB-C AOC Cable (M/M) - USB 3.2 Gen 2 (10 Gbps) Plenum-Rated Fiber Active Optical Cable - Data Only, Black, 10 m (33 ft.)

MODEL NUMBER: **U420F-10M-D3**

High-speed in-wall fiber cable connects a USB-C device to the USB-C port on your computer up to 10 meters away.

Features

Active Optical Cable Connects Servers, Hard Drives and Other USB-C Components
This USB 3.2 Gen 2 fiber optic cable (M/M) securely connects the USB-C port on your desktop, laptop or notebook computer to a USB-C device, such as a server, external hard drive or surveillance camera, located up to 10 meters (33 feet) away. This data-only cable supports USB 3.2 Gen 2 data transfer rates up to 10 Gbps. *Note: This USB-C cable is not backward compatible with USB 3.2 Gen 1, 2.0 or 1.1 devices.*

Advanced Fiber Cable Is Easier to Install than Copper
Because the fiber cable is slimmer and more flexible than standard copper USB cables, the U420F-10M-D3 is easier to install around corners and in hard-to-reach spaces behind equipment. It draws power from the connected device, so no external power supply is needed to transmit the USB signal across the longer distances unique to fiber optic cabling.

CMP Jacket Designed for In-Wall Installations
The plenum-rated jacket has low smoke and flame characteristics, making it suitable for premise applications in ceilings, walls and ducts.

10 m Cable Lets You Design an Application to Your Custom Specifications
This long cable allows you greater flexibility in placing your USB components. For instance, your camera or hard drive may be located in a different room away from your office or in a central location where others have access to it. The plug-and-play U420F-10M-D3 supports all major operating systems, including Windows, macOS and Linux. *Note: This cable provides up to 1A of power to the connected USB device. If your device requires more than 1A, an external power supply will be required for the device.*

Highlights

- 10 m (33 ft.) length allows flexibility in placing USB-C devices where most needed
- Fiber optic construction ideal for long-distance connections not supported by copper
- Supports only USB 3.2 Gen 2 speeds up to 10 Gbps to ensure fast data transfers
- Plenum rated for horizontal premise applications in air ducts and drop ceilings
- Slim, flexible cable easily installs around corners and through hard-to-reach areas

System Requirements

USB 3.2 Gen 2 ports required on both connected devices. This cable is not compatible with previous USB generations.

Package Includes

U420F-10M-D3 USB 3.2 Gen 2 Fiber Active Optical Cable, M/M, 10 m (33 ft.)

Specifications

OVERVIEW	
UPC Code	037332275110

Technology	USB 3.x
Cable Type	Active

INPUT	
Bus Powered	Yes

POWER	
USB Power Delivery (PD) Charging Support	No

CONNECTIONS	
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	USB C (MALE)
Connector Plating	Gold
Contact Plating	Gold
Connector Style	Straight

PHYSICAL	
Material of Construction	PVC (Plenum Rated Cable) + Zinc Alloy (Connector Ends)
Cable Jacket Color	Black
Connector Color	Light Gray
Cable Jacket Material	PVC
Cable Jacket Rating	CMP
Cable Outer Diameter (OD)	4.5 mm
Wire Gauge (AWG)	18
Cable Length (ft.)	32.8
Cable Length (m)	10.00
Cable Length (in.)	393.7
Unit Dimensions (hwd / in.)	1.540 x 9.250 x 8.860
Unit Packaging Type	Box

ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	5% TO 90% RH, Non-Condensing
Operating Humidity Range	5% TO 90% RH, Non-Condensing
Storage Humidity Range	5% TO 90% RH, Non-Condensing

FEATURES & SPECIFICATIONS	

USB Specification	USB 3.1 Gen 2 (up to 10 Gbps); USB 3.2 Gen 2 (Up to 10 Gbps)
Data Transfer Rate	10 Gbps
Driver Required	No
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA C22.2; EN 55032; UL Listed
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty