USB-A to USB-C AOC Cable (M/M) - USB 3.2 Gen 2 (10Gbps) Plenum-Rated Fiber Active Optical - Data Only, Black, 20 m (66 ft.)

MODEL NUMBER: **U428F-20M-D3**








High-speed in-wall fiber cable connects a USB-C device to the USB-A port on your computer up to 20 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-A 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 20 meters (66 feet) away. This data-only cable supports USB 3.2 Gen 2 data transfer rates up to 10 Gbps. ***Note**: This USB 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 U428F-20M-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. ***Note**: The cable must be installed in the correct direction to function properly, so please check the Host and Device labels on the connectors before installation.*
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.
20 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 U428F-20M-D3 supports all major operating systems, including Windows, macOS and Linux. ***Note**: If your device is not detected by the source, external power is needed for the device to receive and transmit data to the source.*

Highlights

- 20 m (66 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

Applications

- Connect a USB-C device to the USB-A port on your PC, tablet, laptop or notebook
- Ideal for those who need longer cables with USB-C to USB-A connections

System Requirements

- USB 3.2 Gen 2 ports required on both connected devices. This cable is not compatible with previous USB generations.
- Host device with a USB-A Port
- Device with a USB-C Port

Package Includes

U428F-20M-D3 USB 3.2 Gen 2 Fiber Active Optical Cable, M/M, 20 m (66 ft.)

Specifications

OVERVIEW	
UPC Code	037332275042
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 A (MALE)
Side B - Connector 1	USB C (MALE)
Connector Plating	Nickel
Contact Plating	Gold
Connector Style	Straight
PHYSICAL	
Material of Construction	PVC (Plenum-Rated Cable) + Zinc Alloy (Connector Ends)
Cable Jacket Color	Black
Connector Color	Black; Light Gray
Cable Jacket Material	PVC
Cable Jacket Rating	CMP
Cable Outer Diameter (OD)	4.5MM
Wire Gauge (AWG)	18
Cable Length (ft.)	65.6
Cable Length (m)	20.00
Cable Length (in.)	393.7
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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)
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; UL 444
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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