

Pure Fiber 5Gbps USB 3.0 Active Optical Cable, USB 3.0 Type AM to AM.

The USB 3.0 AOC is consisted of two USB 3.0 Type-A connectors and multimode optical fiber, and each end has IC/VCSEL/PD, to complete the OE & EO conversion.



Features

- Extends USB 3.0 super speed devices up to 100m over OM2 MMF
- Supports self-powered USB 3.0 compliant device
- Up to 5Gbps data rate
- 850nm VCSEL transmitter and PIN photo-detector receiver
- Operates with USB 3.0 super speed hot controllers
- Supports all major operating systems including Windows, Mac OS, and Linux
- Number of devices can be increased using additional hubs
- Low power consumption
- Operating case temperature: 0 to 70°C
- All-metal housing for superior EMI performance
- RoHS compliant (lead free)

Notes:

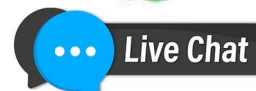
1. The fiber part of USB 3.0 AOC does not carry power, so upstream connector should be powered by Host side, and Gigalight Active Optical Cables do not provide or transmit power to devices.
2. Host side should be USB 3.0 compatible computer (host computer) with a USB 3.0 compliant operating system. USB 3.0 AOC will not function when connected to USB 2.0 or USB 1.1 Host.



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Applications

- Industrial Control
- Digital Signage
- Home Network Integration
- Medical Device Connectivity
- KVM Extension
- Remote Desktop USB 3.0 Connections
- Security: web camera, access control
- USB 3.0 Devices Sharing: print, scan, storage

SPECIFICATIONS	
Connector A	USB 3.0 Type-A Male
Connector B	USB 3.0 Type-A Male
Cable	Fiber Optic Cable, OM2
Protocols Supported	USB 3.0
Max Data Rate	5Gbps
Length	Up to 100m
Minimum Bend Radius	30mm
Operating Temperature	0 to + 70°C
Storage Temperature	-20 to + 85°C