

## USB 3.0 AOC, Type-A Male to Type-A Male, Hybrid 5Gbps USB 3.0 Active Optical Cable.

The USB 3.0 Active Optical Cable (AOC) is designed to be compliant with SuperSpeed USB electrical specifications, offering seamless interoperability between existing USB 3.0 hosts, hubs and devices, ensuring a trouble-free plug-and-play experience.

With an ultra-thin profile and long reach, the USB 3.0 AOC breaks the distance barrier and introduces a cost-effective and high-performance solution enabling existing devices to be used in new ways such as for industrial and security cameras, Industrial and Medical machine control and High-Definition surveillance.



### Features

- USB 3.0 Type-A Male to USB 3.0 Type-A Male
- Extend USB 3.0 super speed devices up to 100 meters (330ft)
- Supports all USB 3.0 devices (not compatible with USB 2.0/1.1)
- Convert USB electrical data signal to optical signal
- Supports USB 3.0 @ 5Gbps
- For use with self-powered peripherals only
- Plus and Play
- Fully featured Optical Transceiver integrated circuit includes a receiver and a transmitter
- 850nm VCSEL transmitter and PIN photo-detector receiver
- Supports all major operating systems including Windows, Mac OS, and Linux
- Number of devices can be increased using additional hubs
- Low power consumption

### Applications

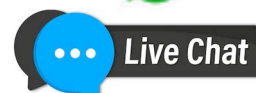
- Industrial Control
- Digital Signage
- Home Network Integration
- Medical Device Connectivity
- KVM Extension
- Remote Desktop USB 3.0 Connections
- Security: web camera, access control
- USB 3.0 Devices Sharing: print, scan, storage



**Contact Us:**

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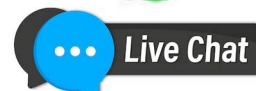
SPECIFICATIONS	
Connector A	USB 3.0 Type-A Male
Connector B	USB 3.0 Type-A Male
Cable	Copper Optical Hybrid Cable
Protocols Supported	USB 3.0
Max Data Rate	5Gbps
Max Length	100m (328ft)
Cable Diameter	4.0mm
Minimum Bend Radius	30mm
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)

**Certifications**



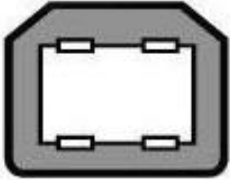

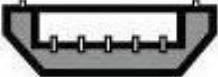



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### USB Connector Type Reference Chart

<p>USB 2.0 Type A USB 3.0 Type A USB 3.1 Type A</p> 	<p>USB 2.0 Type C USB 3.0 Type C USB 3.1 Type C</p> 
<p>USB 2.0 Type B</p> 	<p>USB 3.0 Type B</p> 
<p>USB 2.0 Micro B</p> 	<p>USB 3.0 Micro B</p> 
<p>USB 2.0 Mini B USB 3.0 Mini B</p> 