

USB 3.1 Gen 2 Type-A Male to Type-B Male 10G Hybrid Active Optical Cable, Backward Compatible.

The Hybrid AOC cabling technology uses copper wires and optical fibers to join the electrical connectors on each end of the cable. The result is improved speed and bandwidth transmission distances with a thinner cable that is flexible and lightweight. This AOC-U31-AM-BM USB 3.1 Gen 2 AM-BM AOC cables are designed for PC USB to peripheral devices with superior performance while providing a reliable plug-and-play user experience.



Features

- USB 3.1 Gen 2 and full bandwidth of 10Gbps
- Variety of pre-assembled cable lengths available, up to 15m
- Support 5V 900mA max
- Patented AOC hybrid-cable with only 5 mm bend radius
- Supports both USB 2.0 and 3.1 in same cable up 50 meters
- For data transfers of up to 10G, no charging or powering of devices
- EMI (electromagnetic interference) protection

Specifications

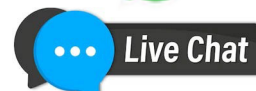
- Maximum length: 15m
- Connectors
 - Type: Type-A (male) to Type-B (male)
 - Contacts: Gold plated, long-life design
- Wire
 - Cable diameter: 4.85 mm
 - Bend radius: 40 mm static / 80 mm dynamic
 - Jacket: PVC, CMR / CMP, CPR Eca
- Mechanical
 - Supply voltage: 4.75 – 5.25 V
 - Power consumption: < 1 W (both sides)
 - Operating conditions: -20°C ~ 70°C, 0%-85% humidity
- Safety
 - Device: CE, FCC
 - EMI / EMC: CISPR 32





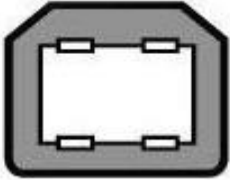

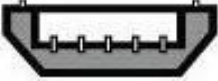

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USB Connector Type Reference Chart

<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> 