

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

The AOC-U31-AM-AF USB 3.1 A male to A female AOC is a 10Gbps USB 3.1 GEN 2 active optical cable which is downward compatible with USB 2.0. It is designed for PC USB to peripheral devices with superior performance while providing a reliable plug-and-play user experience. It supports length up to 15m. Its suitable for applications that do not have on-site power supply. This optical fiber cable can be applied to machine vision, Remote monitoring, etc.



### Features

- Meet USB 3.1 GEN 2 Standard , bandwidth can reach to 10Gbps super speed
- Support length up to 15m
- Support 5V 900mA max
- Support two sides plug and play on type C connector
- Support downward compatible with USB2.0/1.1
- No RF interference , working stable in complex environments

### Specifications

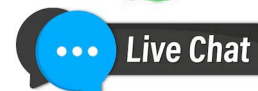
- Maximum length: 15m
- Connector
  - Type: A (male) / A (female)
  - Contacts: Gold plated, long-life design
- Wire
  - Cable diameter: 4.85 mm
  - Bend radius: 40 mm static / 80 mm dynamic
  - Jacket: PVC
- Mechanical
  - Supply voltage: 4.75 – 5.25 V
  - Power consumption: < 0.50 W (both sides)
  - Operating conditions: -20°C ~ 70°C, 0%-85% humidity
- Safety
  - Device: CE
  - EMI / EMC: FCC Class B, CISPR 32





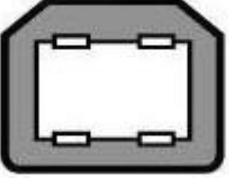

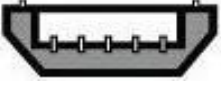

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### USB Connector Type Reference Chart

<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> 