

PEAPSONIC USB 3.1 Gen 2 Active Optical Cable (AOC) delivers high-speed data transmission up to 10Gbps over long distances with zero signal loss. Built with advanced hybrid AOC technology that combines optical fibers and copper wires, it ensures superior performance, EMI protection and reliable connectivity. The cable is thin, lightweight, flexible and easy to install – ideal for professional AV, video conferencing, industrial and enterprise applications.



- 10 Gbps**  
SuperSpeed 10Gbps
- Hybrid AOC Technology
- EMI / RFI Protection
- Plug & Play Easy Use
- 5V / 900mA Power Support
- Backward Compatible

### FEATURES

- USB 3.1 Gen 2 with up to 10Gbps data transfer rate
- Hybrid AOC (Active Optical Cable) for stable long-distance transmission
- Supports 5V / 900mA maximum power delivery
- Backward compatible with USB 3.0 / 2.0 / 1.1
- EMI (Electromagnetic Interference) protection
- Gold-plated connectors for reliable performance
- Slim, flexible and lightweight design
- Plug & Play – No driver or software required
- Available in 5m, 10m and 15m lengths

### APPLICATIONS



### AOC TECHNOLOGY EXPLAINED

Our hybrid AOC cable uses a combination of optical fibers and copper wires to connect the electrical connectors on each end. This innovative design provides high-speed, long-distance data transmission with:

- High Bandwidth & Stability
- Small Bend Radius & Flexibility
- Lightweight Design
- Zero Signal Loss over Long Distance

### AVAILABLE LENGTHS

- 5M**  
16.4 ft
- 10M**  
32.8 ft
- 15M**  
49.2 ft

**USB 3.1**  
**GEN 2**

**10 Gbps**  
SuperSpeed

**AOC**  
Active Optical Cable

**5V**  
900mA  
Power Support

### SPECIFICATIONS

<b>Interface</b>	USB 3.1 Gen 2
<b>Data Rate</b>	Up to 10Gbps
<b>Connectors</b>	
Connector A	USB Type-A Male
Connector B	USB Type-C Male
Contacts	Gold Plated
<b>Cable</b>	
Cable Diameter	4.85 mm
Bend Radius	40 mm (Static) / 80 mm (Dynamic)
Jacket	PVC, CMR / CMP, CPR Eca
<b>Power</b>	
Supply Voltage	4.75 – 5.25 V
Power Consumption	< 1 W (Both Sides)
Power Support	5V / 900mA Max
<b>Environmental</b>	
Operating Temperature	-20°C ~ 70°C
Storage Temperature	-20°C ~ 85°C
Humidity	0% ~ 85% RH (Non-condensing)
<b>Compliance</b>	
Safety	CE, FCC
EMI / EMC	CISPR 32
RoHS	Compliant
<b>Lengths Available</b>	5m (16.4 ft) / 10m (32.8 ft) / 15m (49.2 ft)