

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

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-A-C USB 3.1 Gen 2 A-C AOC cables are designed for newer peripheral devices using the small Type-C connector. It delivers superior performance while providing a reliable plug-and-play user experience.



Features

- USB 3.1 Gen 2 and full bandwidth of 10Gbps
- Improved 10G performance
- 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
- EMI (electromagnetic interference) protection

Specifications

- Maximum length: 15m
- Connectors
 - Type: Type-A (male) to Type-C (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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