



## CP-AOCU31/CC

USB 3.1 GEN-2 Optical USB-C (M) to  
USB-C (M) Cable – Plenum Rated

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CP-AOCU31/CC is a USB-C(M) to USB-C(M), USB 3.1 Gen-2 SuperSpeed+ cable providing throughput of up to 10Gbps when used with a USB 3.1 host and device. CP-AOCU31/CC is suitable for use with USB cameras, printers, webcams, keyboards, mice, and more.

Note: This cable is for data transfer only, not for charging or ALT Mode Signal

## FEATURES

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True Plug-and-Play - No additional drivers needed

No External Power Needed - Pulls power from the USB source device

High Transfer Rates - Up to 10Gbps

USB Backward Compatibility - 1.1, 2.0, and 3.0

Hybrid Cable - Fiber and copper

Current Rating - 3A

Varied Selection of Lengths - Available in versions of 3 to 15m (10 to 50ft)



## TECHNICAL SPECIFICATIONS

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|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                                      | TYPE: USB 3.1 gen 2<br>MAX. DATA RATE: 10 Gbps                                                                                                                                                                                                                       |
| CONSTRUCTION                                 | Cable Type: Hybrid with OM2 fiber and 6 copper wires<br>O/E Converter: 4 channel OM2 850 nm VCSEL array<br>Material: Bare Copper                                                                                                                                     |
| PHYSICAL                                     | Connector A: USB 3.1 type-C male<br>Connector B: USB 3.1 type-C male<br>Long term crush resistance: 100N/100mm<br>Short term crush resistance: 500N/100mm<br>Short term tensile strength: 300N<br>Long term tensile strength: 150N<br>Cable Min Bending Radius: 20mm |
| JACKET                                       | Color: Black<br>Diameter : 4.5mm<br>POWER:<br>Consumption: 400mW (max) (for both sides)                                                                                                                                                                              |
| Environmental Conditions                     | Operating Temperature: -20 to 50°C<br>Storage Temperature: -40 to 70°C                                                                                                                                                                                               |
| Regulatory Compliance (Standards Compliance) | Safety: CE/FCC<br><br>Environmental: REACH, RoHS 2011/65/ EU                                                                                                                                                                                                         |



#### CONFIGURATIONS

|                 |                                                 |
|-----------------|-------------------------------------------------|
| CP-AOCU31/CC-10 | USB 3.1 GEN-2 Optical USB-C Cable - Plenum Rate |
| CP-AOCU31/CC-15 | USB 3.1 GEN-2 Optical USB-C Cable - Plenum Rate |
| CP-AOCU31/CC-25 | USB 3.1 GEN-2 Optical USB-C Cable - Plenum Rate |
| CP-AOCU31/CC-35 | USB 3.1 GEN-2 Optical USB-C Cable - Plenum Rate |
| CP-AOCU31/CC-50 | USB 3.1 GEN-2 Optical USB-C Cable - Plenum Rate |