



# USB-C Active Fiber Long Cable w/ Data, AV, Power Delivery – 15M

4-channel Display Port Plug and Play

MPN: CBL-AOCUSBC-15M



This is a versatile USB-C 3.2 Gen2 product with adaptive support for multiple fullfeatured specifications. It supports either a 4-lane DP 2.1+ USB 2.0 or DP 1.4+ USB 3.2 10Gbps data transfer rate,overcoming the limitation of active optical cables not supporting these specifications simultaneously.

It achieves multiple functions such as USB3.2 10Gbps data transfer, DP video output, PD charging, and is backward compatible with USB2.0/1.1. The USB-C AOC cable matches the functionality of a full-featured copper cable and can adaptively complete the DP Alt mode function. Enabling a plug-and-play experience without needing separate device configurations or firmware installations, and a way more longer length than convention copper cables.

## Key Features:

- Supports 4-lane DP 2.1&USB 2.0
- Supports 2-lane DP1.4&USB3.2 10Gbps
- Backwards compatible with USB 2.0/1.1
- Support PD 60W, 20V3A
- Plug and play
- Highly resistant to EMI and RFI
- Special GGP fiber: 2mm bend radius

## SPECIFICATIONS

|                                                  |                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------|
| Type                                             | Support: 4-Lane DP2.1+USB2.0 OR 2-Lane DP1.4+USB3.2 10G         |
| Length                                           | 15M                                                             |
| Connector Shell                                  | Zinc-alloy                                                      |
| Cable Diameter                                   | 6.5 mm                                                          |
| Maximum transfer rate                            | 10Gbps                                                          |
| Cable structure                                  | 5- core optical fiber + 12 copper wires                         |
| Outer Jacket                                     | Black PVC                                                       |
| Decay rate                                       | <0.0035dB/m (nearly negligible attenuation at consumer lengths) |
| Minimum bending radius (Dynamic/static)          | 20mm/ 10mm                                                      |
| Cable pull resistance (Long term/short term)     | 100N/200N                                                       |
| Cable pressure resistance (Long term/short term) | 200N/400N                                                       |
| Operating temperature                            | 0~50°                                                           |
| Storage Temperature                              | - 4 0~70°                                                       |