

USB-C Active Fiber Long Cable w/ Data, AV,
Power Delivery – 5M

4-channel Display Port Plug and Play

MPN: CBL-AOCUSBC-05M



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	5M
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°