



USB-C TO USB-C 4K60Hz Active Optical Cable

EXP-AOC-4012 (USB-C 3.1 GEN2 Full function)

INTRODUCTION

The EXP-AOC-4012 USB 3.1 Type-C to Type-C AOC Cable, utilizing advanced fiber optic technology to provide long-distance, high-speed, and stable data and video transmission.

It supports USB 3.1 Gen 2 10Gbps transfer speeds and DP 1.4 4K60Hz video output and support PD 60W . Lightweight, flexible, and plug-and-play, it's ideal for high-speed external drives, 4K video transmission, data synchronization, and more, making it the perfect choice for professionals, creators, and power users.

FEATURES

- ✔ Supports USB 3.1 Gen 2 10Gbps transfer speeds.
- ✔ Supports up to 4K60Hz video output (DisplayPort Alternate Mode).
- ✔ Support PD 60W.
- ✔ Utilizes fiber optic technology for long-distance, lossless transmission.
- ✔ Fiber optic transmission, strong anti-electromagnetic interference capability, ensuring stable data transmission.
- ✔ Plug and Play, No drivers required, easy to use.
- ✔ Suitable for high-speed external hard drives, 4K video transmission, data synchronization, and other applications.
- ✔ Backward compatible with USB 3.0/2.0.

EXP-AOC-4012 Specification

EXP-AOC-4012 Specification	
Input	USB Type-C
output	USB Type-C
Video Revision	DP 1.4 (2-lane)
Maximum Data Transfer Rate	10G
Maximum Digital Resolutions	4K60Hz 4:4:4
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
EDID Support	Yes
Audio Specifications	Dolby TrueHD、DTS-HD Master Audio
PD Support	20V/3A 60W
Connector Plating	Gold-Plated
Cable Jacket Material	PVC
Cable Type	Hybrid type with OM3 fiber and copper wire
Cable Outer Diameter	4.5mm
Cable Length	15M
Power Consumption	1100mW (5V input)
Operating Temperature	0°C to 55°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Warranty	2 Year



TECHNICAL DRAWING

