

Model : ATZ AOC-UC3120F-xxM (xx: Length)

Description: USB 3.2 Gen 2 type C to C AOC FULL Function, Downward compatible with USB2.0/1.1, Support Data 10Gbps + 4K@60 + PD 60W (3m/5m/8m/10m/15M)



This is a FULL function USB type-C active optical cable (AOC) using optical fiber to replace copper wire as the high-speed signal transmission medium, it can perfectly transmit USB2.0, USB3.2 Gen2 and 2-lane DP1.4 data with excellent signal quality. Compared with the traditional copper wire, it is softer, slimmer, lighter and with perfect EMI/EMC feature. And it also has better reliability performance than copper wire.

Features:

- Support USB3.2 Gen2, 10Gbps
- Support US2.0/1.1 High Speed and Full Speed
- Supports all major operating systems: Windows, Mac OS, and Linux
- Support 4K@60Hz in DP 2 lane at DP-Alt mode 8.1Gbps per channel
- Plug and play without driver dependent
- Requires no external power supply
- High reliability
- Thinner, ighter and softer than conventional copper cable
- Highly unaffected by EMI and RFI interference
- Support Power Delivery 50W (20V 3A)

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***Remarks:** This is a uni-directional cable. Please ensure correct connection with connector ends labelled with → to “Host” and ← to “Device / Display”

Applications:

- Digital Signage
- LED signboards in streets and in stadiums
- Medical Imaging Equipment
- Airplane On-board Video System
- Home Theater
- Blue-ray, 3D video, Projector, Set-up box, DVR
- Game Consoles and Computer
- TV Broadcast Station
- Conference Room Video Equipment
- Security systems

Absolute Maximum Rating

Parameter	Symbol	Min	Max	Unit
Power Supply Voltage	VCC	3.0	5.5	V
Operating Temperature	Top	0	50	°C
Storage Temperature	Ts	-40	70	°C
Relative Humidity	Hs	10	80	%RH

Specifications:

Item	Description
Cable Length	Up to 10m
Interface	USB type-C plug – USB type-C plug
Bandwidth	USB3.2 Gen 2:10Gbps; USB2.0:480Mbps; DP1.4 16.2Gbps
Power Delivery	PD60W, 20V 3A
Power Supply	By Vconn(3.0 V to 5.5V)
Power Consumption (TYP.)	1100mW (5V input)
Cable Outer Diameter	6.5mm

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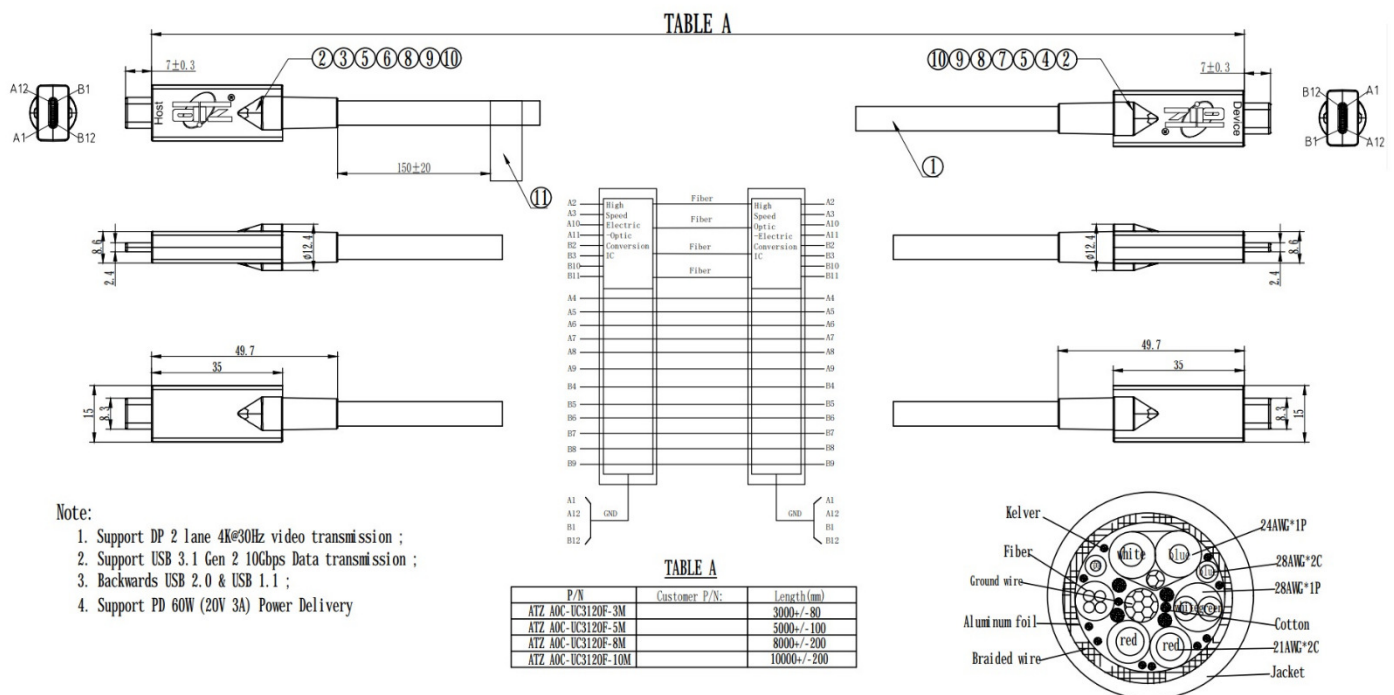
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Jacket Outer Material	PVC
Cable Filler	Kevlar
Cable Weight	See packing details sheet
Cable Color	Black or custom
Bend Radius	10OD
Tensile Strength	200N

Package Includes:

1x USB 3.2 type C to type C AOC FULL Function cable

Product Diagram:



Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.