MS-USBC-DVCS-XX BC

MSolutions

USB 3.2 Gen2 & DP1.4 Hybrid Type-C
AOC Cable – up to 15m



Description:

MSolutions USB type-C active optical cable (AOC), using optical fiber to replace copper wire as the high-speed signal transmission medium, is a USB-C 3.2 Gen2 product with adaptive support for multiple full-featured specifications. Supports either a 4-lane DP 2.1+ USB 2.0 or DP 1.4+ USB 3.2 10G data, 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.

Key Features:

- Supports USB3.0 - backward compatible
- Supports 2-lane DP1.4+USB3.210Gbps
- Downward compatible with USB 2.0/1.1
- Supports 4-lane DP 2.1+USB 2.0
- Plug and play without driver dependence
- Supports PD 60W, 20V 3A
- Thinner, lighter and softer than conventional copper cable
- Highly resistant to EMI and RFI
- Compliant to Cisco Room Devices:
  - Room Bars & Kits
  - Board Pro G2
  - Room Kit EQX

Applications:

- Cisco conferencing
- Medical imaging equipment
- Airplane on-board video system
- Remote storage system
- Blu-ray, 3D video, projector, set-up box, DVR, game consoles and computer
- TV broadcast station
- Conference room video equipment
- Security systems

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Technical Specifications:

Type:	Support: 4-lane DP2. 1+USB2.0 OR 2-lane DP1.4+USB3.2 10G Two Full-featured AOC
Cable Length:	Up to 15m
Interface:	USB type-C plug – USB type-C plug
Bandwidth:	U3:10Gbps; U2: 480Mbps; DP1.4 8.1Gbps
Power Delivery:	PD3.0, 20V 3A
Power Supply:	By Vconn(3.0 V to 5.5V)
Cable Outer Diameter:	6.5mm
Cable Structure:	5-core optical fiber + 12 copper wires
Jacket Outer Material:	PVC
Cable Filler:	Kevlar
Cable Weight:	5m length: 0.6g / 10m length: 1.0g / 15m length: 1.4g
Cable Color	Black or custom
Minimum Bend Radius	20mm/ 10mm (Dynamic/static)
Cable Pressure Resistance	200N/400N (Long term/short term)

Ordering Information:

5m length	MS-USBC-DVCS-05 BC
10m length	MS-USBC-DVCS-10 BC
15m lemgth	MS-USBC-DVCS-15 BC
Custom lengths available on request	



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