

OptoUSB USB 3.1 AOC Assemblies >

OptoUSB USB 3.1 Active Optical Cable Assemblies offer familiar passive plug-and-play interfaces with reliable signal integrity performance up to 100.0m, and they deliver uncompressed video with superior resolution

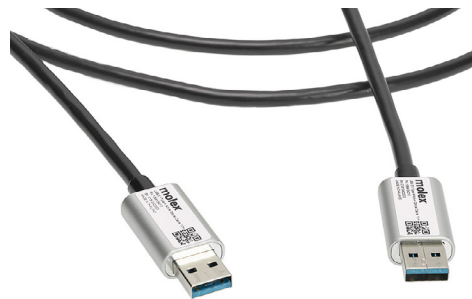
FEATURES AND ADVANTAGES

High-speed fiber optics

Transmits data over long lengths (up to 100.0m) without multiple connection points. Offers reliable signal integrity. Provide a future-proofed cable solution

Available with standard type A and type C connectors

Appropriate for a range of applications



Molex OptoUSB USB 3.1
AOC Assembly

USB 3.1 Gen 2 cables support 10 Gbps

Capable of greater data transfers on a single cable, making it ideal for augmented reality/virtual reality, high-definition cameras, high-speed storage and high-performance USB devices

EMI/RFI resistant

Delivers stable performance in high-interference environments

MARKETS AND APPLICATIONS

Consumer

Personal computers
Blu-ray/DVD
Set-top boxes
Monitors
Laptops
Gaming consoles

Smart Phones and Mobile Devices

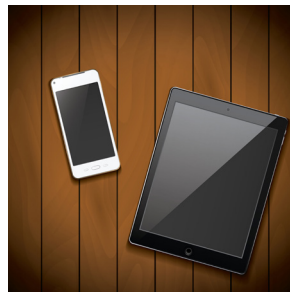
Tablets
Augmented reality/virtual reality (AR/VR)

Medical

Surgical equipment
Patient monitoring

Industrial Automation

Monitors



Smart Phones and Tablets



Patient Monitoring



AR/VR Headsets

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SPECIFICATIONS

MECHANICAL

Cable Color: Natural
 Cable Diameter: 5.00mm
 Bulkhead Dimensions: 9.00 by 18.00 by 37.00mm
 Minimum Bend Radius: 10.00mm
 Length: 5.0, 10.0, 15.0m
 Cable Weight: 19.7 g/m
 Cable Horizontal Tensile Strength: 280N
 Pull Force: 200N

PHYSICAL

Backshell: All Alloy, Anodic Oxidation
 Contact: Copper
 Cable: Fire Retardant PVC with 5X Copper Wires and 2X MultiMode Fibers
 Operating Temperature: -0 to +70°C

ORDERING INFORMATION

Series No.	Connector	Lengths (m)
<u>106413-4xxx</u>	USB	1, 3, 5, 10, 20, 30, 50, 100

Series No.	Description
<u>Contact Molex</u>	Custom OptoUSB AOC Assemblies

www.molex.com/link/optocableassemblies.html