



USB3.0 Vision Hybrid Active Optical Cable (AOC)

Part Number: CB-USB3-AOC-UB-XXM

Available Lengths: "XX" - 10, 20, 30 & 50 meters



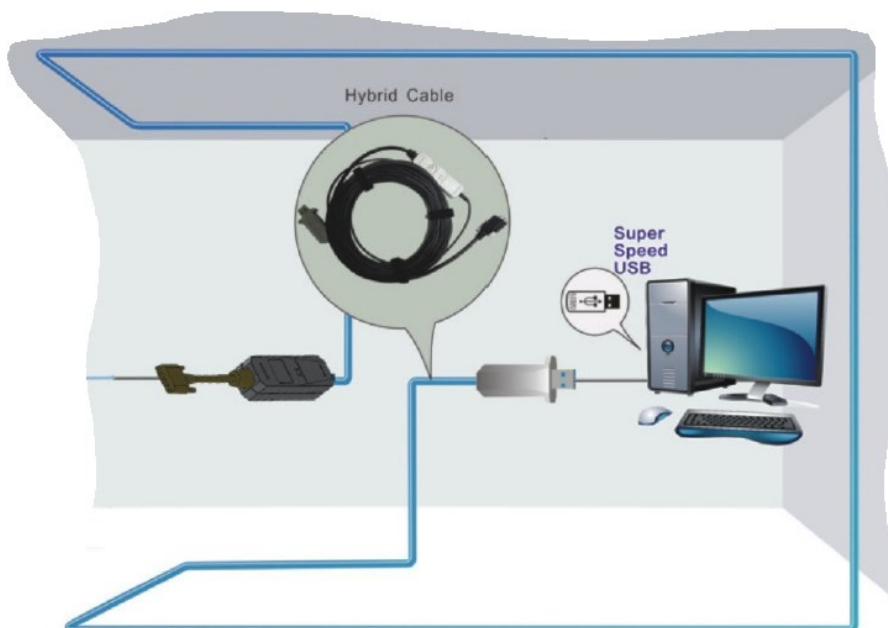
Description:

USB3.0 Hybrid Active Optical Cables are a new generation of cables that introduce copper in addition to the optical fiber for the purpose of supplying power to the camera.

The Hybrid combination allows transmission of data to industrial cameras up to 50 meters with no additional hardware.

Features:

- Maximum cable length up to 50 meters
- Maximum transmission speed up to 5 Gbps
- Bus Power from the Host PC without external power support
- Providing maximum 900mA / 5V for the device with locking screws
- True Plug & Play: No software driver required supporting all major operating systems: Windows, Mac OSX and Linux
- Reliable operation with USB3.0 devices and hubs
- Anti-jamming, Less EMI





Specification

Cable Length	
Up to 50m	
Option cable length	10m/20m/30m/50m
Interface	
Host Side	USB3.0 Standard-A Plug
Device Side	USB3.0 Micro-B Plug (with locking screws)
Data rate	
USB 3.0 Super Speed, Up to 5Gbps, Not Backward compatible with USB2.0/1.1	
Power	
Host Side	USB Bus Power Supply
Device Side Supply Current	Maximum5V [900mA(10m/20m/30m)] / [600mA(50m)] (Need to connect Auxiliary power supply to host side)
Power Dissipation	
0.94W	
Physical/Environmental	
Dimension of The End	Host Side: 44mm/27mm/13mm Device Side: 36.5mm/22mm/8.5mm
Weight of The End	TBD
Cable Diameter	3mm
Bend Radius	20mm
Operating Temperature	0 – 55° C
Storage Temperature	-20 – 80 ° C

Ordering Information

Part Number	Description
CB-USB3-AOC-UB-10M	USB3 Active Optical cable w screw locks , 10M
CB-USB3-AOC-UB-20M	USB3 Active Optical cable w screw locks , 20M
CB-USB3-AOC-UB-30M	USB3 Active Optical cable w screw locks , 30M
CB-USB3-AOC-UB-50M	USB3 Active Optical cable w screw locks , 50M