LIGHTWARE

CAB-USBC-AOC900B

SKU: 13740047

9m (29.53ft) USB-C Active Optical cable for USB3.2 Gen 1x1, 4K60 Video, 2 lane and 4 lane DP ALT mode, 60W/3A Charging, 1 tier

The CAB-USBC-AOC900B is Lightware's USB Type-C to Type-C Active Optical Cable (AOC) engineered for the rigorous demands of professional AV integrations. It serves as the ultimate connectivity backbone for meeting rooms, corporate conference spaces, and high-end executive boardrooms.





Details

By seamlessly combining **USB2.0** peripherial support, **USB3.2 Gen1** data, **DisplayPort Alternate Mode** video, and up to **60W of Power Delivery** into a single, full featured, high-reliability cable, it enables presenters to connect laptops and smart devices to **Taurus UCX** family flawlessly every single time.

The cable has been fully tested and optimized for out-of-the-box reliability with the Lightware Taurus product family and a wide range of global source devices.

Adaptive DisplayPort Alternate Mode

The cable supports adaptive **2 lane / 4 lane DisplayPort Alternate Mode**, fully compliant with USB-IF recommendations. It ensures maximum compatibility with a broad range of USB-C devices, including displays such as the **Lenovo ThinkVision T65, LG UltraFine 32"**, and other interactive touch displays that often experience compatibility issues with cables supporting only a fixed 2 lane configuration.

Optimized USB 2.0 Topology

The **Single-Tier USB 2.0 topology** adds only one tier to the USB2.0 connection, improving compatibility with USB peripherals. This is particularly beneficial for devices with strict USB topology limitations when connected to room bars, speakerphones, cameras, or interactive touch displays.

Secure Screw-Lock Connection

A built-in **Screw-Lock** provides a secure, vibration-resistant mechanical connection to compatible Lightware Taurus devices, preventing accidental disconnections and ensuring reliable operation.

Optional Port Saver Cable

The **CAB-USBCM-USBCF-L150B** **Port Saver** cable is available as an optional accessory. This premium 1.5m passive copper cable is designed to serve as the primary user-facing connection, protecting the Active Optical Cable from the wear and tear caused by frequent plugging and unplugging. Its ultra-thin, highly flexible construction and soft-touch finish extend the total physical reach of the connection to **10.5 meters** while preserving the long-term reliability of the installation.

Features

9 m USB-C AOC cable

One added USB 2.0 tier

Dp. Alt. Mode 2-4 lane

Specifications

Interface	Connectors	USB Type-C male, USB Type-C male with flange
Technical parameters	Maximum data speed	5 Gbps (5 Gbps/lane)
	Data type	USB 3.2 Gen 1×1, USB 2.0, USB 1.1
	eMarker chip	Yes
	Displayport alternate mode	Yes, HBR3, 2-4-lane
	Video format	Up to 4096×2160@75Hz at RGB 4:4:4 and 5120×2160@60Hz at RGB 4:4:4
	Number of USB3 tier	0
	Number of USB2 tier	1
	Rated voltage	20 V
	Rated current	3 A
	Operating temperature	–10 °C to +60 °C
	Flammability	VW-1
Physical parameters	Length	9 m
	Cable diameter	6.5 mm
	Jacket material	PVC
	Wire material	Fiber, copper
	Mold material	PVC
	Pin coating	Gold-plated
	Bending radius	60.0 mm
	Pulling force	11 kg
	Tensile strength	200 N
	Compliance	TBD
	Color	Black

Connector Drawing

