

15 Meter USB 3.2 GEN 2 10Gbps Active Optical Extension Cable

CAB-UAOC-15-C | CAB-UAOC-15-P

WyreStorm
Specification Sheet



WyreStorm - Powerful. Reliable. Simple.



Introduction

The CAB-UAOC-15 is an active optical cable supporting extension of USB signals ranging from 2.0 up to the 3.2 Gen 2 spec, meaning this cable can support 10Gbps at a distance of 15 meters (50ft). The CAB-UAOC-15 is great for connection of remote USB devices such as PTZ cameras, interactive touchscreens or smartboards, audio/video extension or simply high-speed data transfer over long distances. With the USB Male to USB Female design, you can connect and extend practically any USB peripheral device in seconds.

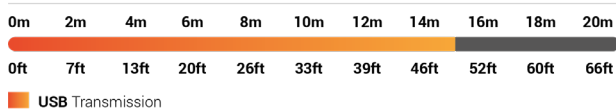
Key Features

- Extends USB signals up to 15 meters (50ft)
- USB Type A male to Type A female connectors allow universal compatibility with USB devices
- Supports USB 3.2 Gen 2 spec allowing up to 10Gbps bandwidth
- Maximum power carry of 5v 900mA to remotely power USB devices.
Average power consumption of common USB devices:
Mouse: 100mA
Flash Drive: 100mA
Webcam: 300mA
Keyboard: 500mA
External Hard Drive: 900mA
- Compatible with USB 3.0 hubs to allow connection of multiple USB devices (combined power consumption of devices cannot exceed 5v 900mA)
- Backwards compatible with USB 2.0 specification
- Plenum, FT6 & CPR safety ratings for installation in air plenums, ducts, walls, conduits, ceilings, or anywhere else a fire rating is required
- Kevlar protected communication cores
- Fiber optic cores are ideal for use in environments with excessive EM or RF interference
- SUP (single use plastic) free packaging

In the Box

1x CAB-UAOC-15-x Active Optical USB Extension Cable
2x Reusable Cable Ties
1x Quickstart Guide

Optical USB Cable Performance Guide



Specifications

| Audio and Video | | |
|---|---|----------|
| Video Resolution (Max) | 1920x1080p @60Hz 16bit | 15m/49ft |
| | 3840x2160p @30Hz 8bit 4:4:4 | |
| | 3840x2160p @60Hz 8bit 4:2:0 | |
| Note: To send video from a computer an additional cable is required depending on the source device's output capability, such as an HDMI to USB 3.0 adapter or a USB-C to USB Type A cable. | | |
| Maximum Pixel Clock | 300Mhz | |
| Supported Standards | DCI RGB USB | |
| Communication and Control | | |
| USB | USB3.2(Gen 2), USB3.1(Gen 2), USB3.1(Gen 1), USB 2.0 Max bandwidth: 10Gbps | |
| Power | | |
| Power Consumption | ≤0.2W (Both sides) | |
| Power Carry | Max: 5v 900mA | |
| Environmental | | |
| Operating Temperature | 14°F ~ 122°F (-10°C ~ 50°C) 10% ~ 90%, non-condensing | |
| Storage Temperature | -4°F to ~ 140°F (-20°C ~ +60°C) 10% ~ 90%, non-condensing | |
| Max Cable Bend Radius | 0.9cm/0.35in | |
| Max Pull Tension/Tensile Strength | 10kg/22lbs (100n) | |
| Dimensions and Weight | | |
| Length x Width x Height | Type A Male Connector: 40mm x 18mm x 5mm Type A Female Connector: 38mm x 18mm x 5mm | |
| Cable Diameter | 4.5mm | |
| Regulatory | | |
| Safety and Emission | CE FCC RoHS EAC RCM CPR (CAB-HAOC-xx-C) Plenum UL (CL3) FT6 (CAB-HAOC-xx-P) | |

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.