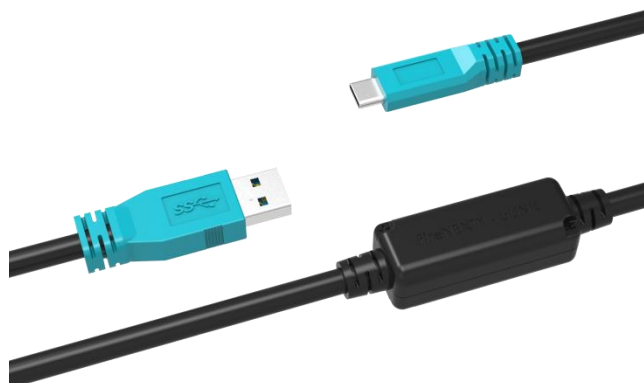


# FireNEX™-uLINK-10G-AC



USB 3.2 10Gbps Active Repeater Cable

## Data Sheet



### Introduction

The new FireNEX™-uLINK-10G-AC is designed for users who use USB-A host port for 10Gbps applications. Even though USB-C port has grown its popularity, we still see the USB-A port is widely available and frequently used on the desktop and industrial computers with data rate upgraded to 10Gbps.

FireNEX™-uLINK-10G-AC offers the USB A to C configuration that supports USB 3.2 Gen 2 10Gbps data rate up to 8m (26.2 ft.), while being backward compatible to USB 3.0/2.0/1.1.

With reduced power consumption, FireNEX™-uLINK-10G-AC delivers ample power to the connected USB device without adding any additional power.

### Features

- Extends SuperSpeed USB 10Gbps up to 8 meters for USB-C devices
- Data rate support up to 10Gbps
- Backward compatible with lower generation USB 3.2 Gen 1 5Gbps, and USB 2.0/1.1
- Plug and Play, no driver installation needed
- Bus powered from host PC, no external power supply needed
- Compatible with Windows, MAC, and Linux OS
- Slim repeater box profile, ideal for wall conduit
- USB-IF Standard Type-C screw locking connector available

### Product P/N and Descriptions

| PN           | Configuration | Length        |
|--------------|---------------|---------------|
| ULK10G-AC-5M | A/M to C/M    | 5m (16.4 ft.) |
| ULK10G-AC-8M | A/M to C/M    | 8m (26.2 ft.) |

## Specification

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### EXTENSION RANGE

SuperSpeed USB 10Gbps up to 8m (26.2 ft.)

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### DATA RATE

SuperSpeed USB 10Gbps, 5Gbps  
USB 2.0/1.1 Compatibility 480 Mbps

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### POWER DELIVERY

Power Source USB Bus Power  
Power to Device 5V, 0.9A

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### MECHANICAL

Repeater Box Dimension 16 x 16 x 40 mm (0.63 x 0.63 x 1.57")  
Cable Diameter 6.4 +/- 0.1 mm (0.27 in.)  
Cable Jacket PVC, Black  
USB Connector on Host Side USB-A, Aqua  
USB Connector on Device Side USB-C, Aqua (Screw Locking connector available)

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### ENVIRONMENTAL

Operating Temperature 0°C to 40 °C (32°F to 104°F)  
Operating Humidity 20% to 80% relative humidity, non-condensing

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### COMPLIANCE AND COMPATIBILITY

EMC FCC (Class B), CE (Class B)  
Environmental RoHS  
Flammability VW-1

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### SUPPORT

Warranty 1-year Manufacture Warranty

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