

## LUSB31EXT USB3.1-Fiber Extender Cable

USB3.1- Universal Serial Bus 3.1 is a new USB standard which provides ultra high speed (up to 10Gbps) data transmissions. It is available as direct cable with USB standard A connectors on both ends.



### FEATURES

- Extends USB 3.1 super speed devices up to 50m over fiber optics(MMF)
- Compliant to link with all USB 3.1 A-type Form-factor
- Supports all self-powered USB 3.1 device type
- Up to 10 Gbps data rate
- 850nm VCSEL transmitter, PIN photo-detector receiver
- Plug and play, no software to be installed
- Number of devices can be increased using additional hubs
- Low power consumption
- Operating case temperature: 0 to 70°C
- All-metal housing for superior EMI performance
- RoHS compliant (lead free)

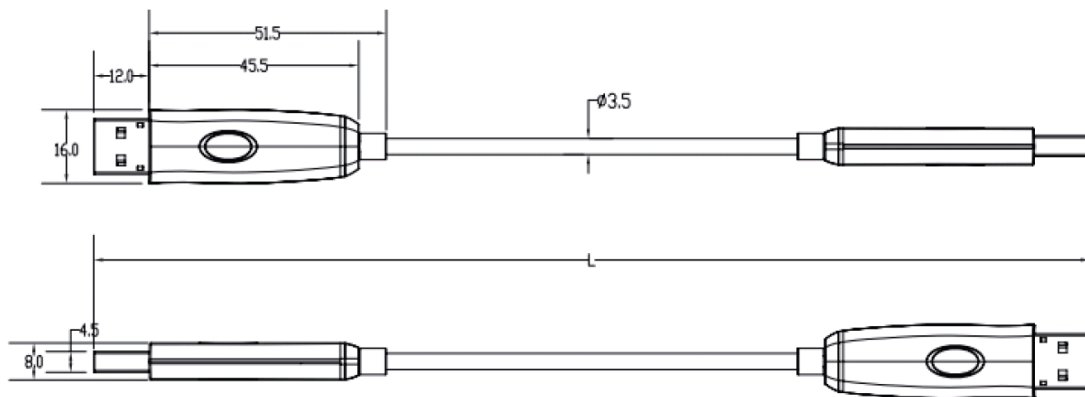
### APPLICATIONS

- Industrial Control
- Digital Signage
- Home Network Integration
- Medical device connectivity
- KVM extension
- Remote desktop USB3.1 connections
- Security: Web camera, access control
- USB3.1 devices sharing, print, scan and storage



## SPECIFICATIONS

Parameters	
Protocols Supported Max resolution	Universal Serial Bus 3.1 Specification
Data Rate	10.0Gbps
BER	<10 <sup>-31</sup>
Operating Case Temperature	0 ~ +70°C
Storage Temperature	-10 ~ +85°C
Supply Voltage	5.0V
Power	DC 5V
Supply Current	Max. 100mA per end



Parameters	Specifications	Note
Input	100 ~ 240 VAC	0.2A 50-60Hz
Output	DC 5V	1.0A
DC Jack	Inside 5V / Outside ground	

## ORDERING INFORMATION

P/N	Descriptions
LUSB31EXT-MM-xx	USB3.1 Fiber Optic Direct cable, xx length of cable, max 50m