



# USB 3.0 Active Optical Cable USB-FC30AA

## Description

OPTICIS USB extension cable, USB-FC30AA, links the USB data up to 100m (328ft) without any repeater. USB-FC30AA provides the simplest way to link the USB device far from the host. Owing to the advanced VCSEL and PD, the USB protocol is capable of transmitting fully secured data with high cost efficiency by adapting hybrid fiber cable. Connected device must be self-powered.

USB-FC30AA provides A plug to A plug. In addition, instead of using a pure fiber optical cable, to enhance its affordability, hybrid fiber cable with electrical wire is used, yet it meets Plenum grade. This offers convenient extension where there is no AC power supply adjacent at the end of the device. Furthermore, bi-directional transmission increases the convenience in such users do not need to distinguish TX/RX side of the connector. The cable is designed to be insensitive on the side.

A to B copper cable (15cm) and a locking housing are provided as an options for Type B device such as Camera, USB hub and etc.

## Specification

- Compatible with USB 3.0 standards
- Transmits USB 3.0 data to 100m (328 feet) over hybrid cable.
- TX / RX insensitive design (two-way port)
- SuperSpeed USB 5Gbps data rate
- Adopts plenum graded hybrid cable
- Operated by 5V source power
- USB 3.0 A plug to A type plug
- No software installation required: Plug and Play

## Applications

- Security / Monitoring over USB Camera
- Conference Room
- Control Room
- Offices / Factories
- Government
- Military

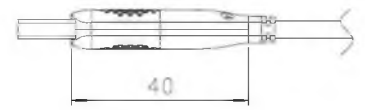
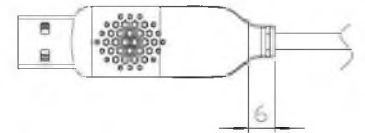
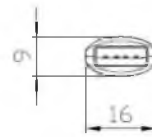
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## Technical Features

Standard	USB 3.0
Bit rate	Up to 5Gbps
Maximum distance	100m
Cable	Hybrid Cable (Optical Fiber + Copper cable)
Power supplying	USB VBUS (Host side)
LED Indicators	Power LED Blue
Power consumption	2W
Size (WDH)	40 x 16 x 9mm
Operating temperature	0 ~ 50 C
Operating Humid.	10 to 85% RH, non-condensing

## Dimension

40 x 16 x 9mm (WDH)



## Connection Diagram

