



# 4900

Fiber Optic USB Hub Extension Systems

USB  
↔  
4:1

**“Fiber Link for 4-port  
USB Hub”**



**“High performance and affordable solutions for your serial digital data transmission.”**

### Applications

- Remote USB Transport
- Remote Workstation Transmission
- Remote Multimedia Display
- Remote Enterprise Computing

The 4900 Series is a high performance, yet affordable, Fiber Optic USB Hub Extension System that is designed to carry 4-port USB hub signal, over long distances through one pair of multimode or singlemode fibers. Many versions of optical transmitter and receiver combinations are available to address different distance requirements.

### Features

- Support for USB 1.1 and 2.0 Devices
- Plug-and-Play, No Driver Set Up
- Reliable Transmission Over Multimode or Singlemode Fiber
- 1 Fiber Solution

No user adjustments are required in the 4900 system due to the use of advanced digital fiber optic transmission technology. This allows for a quick and easy setup, offering trouble-free operation for many years to come.

The 4900 is available in two packaging options: a rugged, standalone unit housed in a compact case, or a plug-in card for our card cage system. Panel connectors are provided for the USB type-A/B and SC-type fiber connectors. The 4900 can be easily monitored by LED indicators for power, optical link, and data activity. The standalone units are powered by +12VDC.



Doing More With One Fiber



# 4900

Fiber Optic USB Hub Extension Systems

## Multimedia Transmission Systems



### Electrical

Signal Format	USB 2.0 or 1.1
Hub Port Count	4
Connector	1 USB Type-B (Host); 4 USB Type-A (Device)
LED Indicator	Power, Optical Link, USB Link, Channel Activity

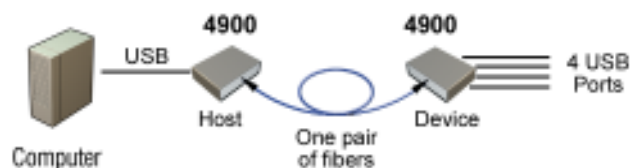
### Optical

Fiber Type	Multimode or Singlemode
Number of Fibers	2 or 1
Wavelength	1310 or 1550 nm
Fiber Optic Connector	SC

### Physical

Dimension (H x W x D)	
Standalone	1.72" x 4.36" x 8.75"
Card-cage plug-in card	5.24" x 0.94" x 11.6"
Supply Voltage/Current	Host: +12VDC @ 0.5 A Device: +12VDC @ 1.5 A
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing

### Applications



### Doing More With One Fiber

Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

