



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.



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4900

Fiber Optic USB Hub Extension Systems

Multimedia Transmission Systems



Electrical

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

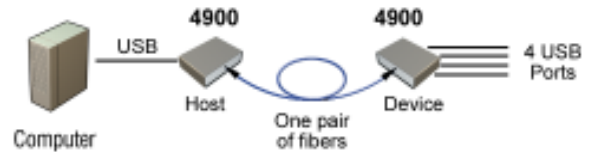
Physical

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


Optical

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

Applications



Ordering Information

4900-H-M-SC	USB Host End, Multimode, 2-Fiber	 USB (1:4)
4900-D-M-SC	USB Device End, Multimode, 2-Fiber	

(Change -M to -S for Singlemode)

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