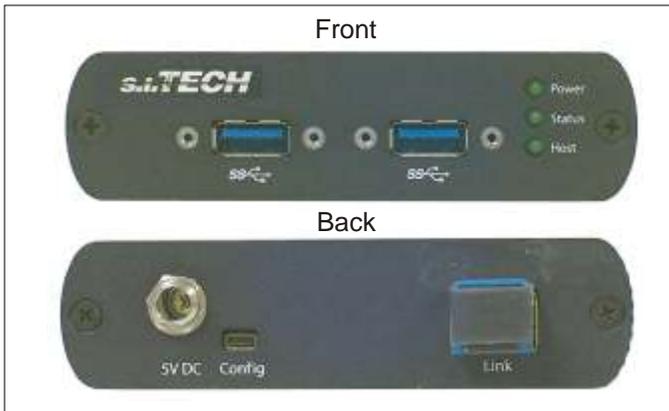


USB3.0 Hub to Fiber Optic Media Converter



Features:

- Supports USB 3.0 over fiber
- Support all major operating systems - Windows, Mac, OSX, Linux.
- Power, Link Status, and Host LED indicators
- LC optical connectors
- Plug and Play
- Extend USB 3.0 on multimode fiber up to 100m.
- **2 port** hub data speed 5 GigaBits/Second (2188)
- Not backwards compatible with USB1.1 and 2.0

S.I.Tech 2187/2188 USB media converter pair extends the range of USB 3.0 beyond the USB 5 meter limit. The USB media converters are compliant with the USB 3.0 specification supporting full speed of 5Gbs USB data transfer.

Operation Mode: USB 3.0
Input/Output Interface: USB Type A
Transmission Line Interface: LC optical connector is standard
Transmission Distance: See distance chart

System Wavelength: 850 nm (1310 nm option)
Bit Error Rate: 10⁻⁹

Operating Temperature: 0 °C to 40 °C
Weight: 0.75 lb (340 grams)
Input Power: 5 VDC (4.75 to 5.50 VDC)
 External with power supply - 5W typical (S.I.Tech #2166 - 100 to 240 VAC, 50/60 Hz, to 24VDC, UL, CE, & TUVGS Listed) Locking Connector

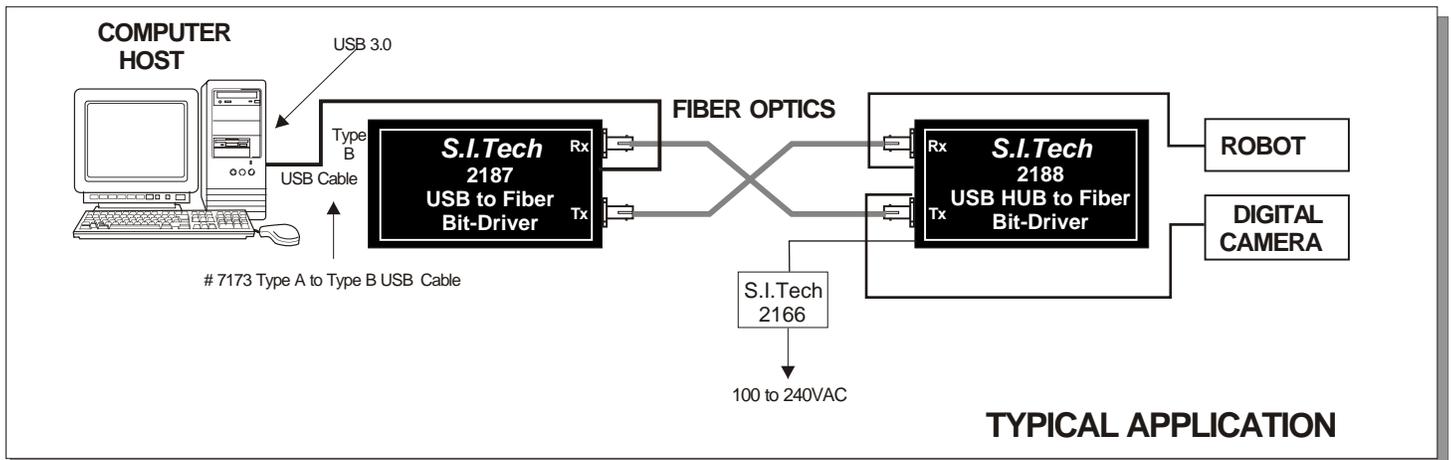
Metal Enclosure: 3.9" X 3.0" X 1.0"
 (100 X 76 X 26 mm)

OPERATING DISTANCE FOR FIBER OPTIC CABLE

Fiber Size (Microns)	Attenuation dB/Km		Bandwidth MHz/Km	Distance Meters	Distance Feet	Distance Meters	Distance Feet
	850nm	1300nm		850nm	850nm	1310nm	1310nm
50 (OM2)	3.0	1.5	500	50	165	-	-
50 (Om3)*	4.0	1.5	2000	200	660	-	-
50 (Om4)*	3.0	2.5	4000	300	1000	-	-
10 SM	-	0.35	-	-	-	220	660

SM - Single mode option - 1300nm (*Application limits may be exceeded)
 Optical Unit Connection: Connect the optical transmission line to the T and R receptacles.
 Note which cable channel goes to Tx or Rx by noting cable imprint
 If you are using Laser Enhanced multimode fiber, depending upon its bandwidth, longer distances maybe possible..

Meets FCC requirements of Class B, Part 15 Computing Devices Standard, USB Standard. ROHS Specifications subject to change without notice.



TYPICAL APPLICATION