

VT081



KEY FEATURES

- Supports USB 1.1 over fiber
- Fits into any assembly
- Four USB copper ports
- Fiber LC style connector
- Link/Activity LED
- Available in industrial temp
- RoHS compliant

The VT081 USB fiber media converter extends the range of USB beyond the standard 5 meter limit. The VT081, in conjunction with VT080 or ART105, allows seamless connection between the root complex and the end point devices. The LC style connector allows the units to be connected using standard fiber cabling.

The VT081 module has options for a single-mode or multi-mode transceiver.

VadaTech can modify this product to meet special customer requirements without NRE (minimum order placement is required).

USB 1.1 Fiber Media Converter to Copper Hub

SPECIFICATIONS

Architecture			
Physical	Dimensions	Width: 1.6 in. (40.64 mm)	
		Depth: 3.17 in. (80.518 mm)	
Product Type	USB	Four port USB fiber hub	
Standards			
USB	Type	USB 1.1	
Configuration			
Power	VT081	1.2W	
Environmental	Temperature	Operating Temperature: 0° to 65° C	
		Storage Temperature: -40° to +95° C	
	Vibration	1G, 5-500Hz each axis	
	Shock	30G each axis	
Front Panel	LEDs	Relative Humidity	5 to 95 percent, non-condensing
		Link and Activity	
Other			
MTBF	Mil Std-217F > 390,000 Hrs.		
Certifications	Designed to meet FCC, CE and UL certifications where applicable		
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards		
Compliance	RoHS		
Warranty	Two (2) years		
Trademarks	The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners.		

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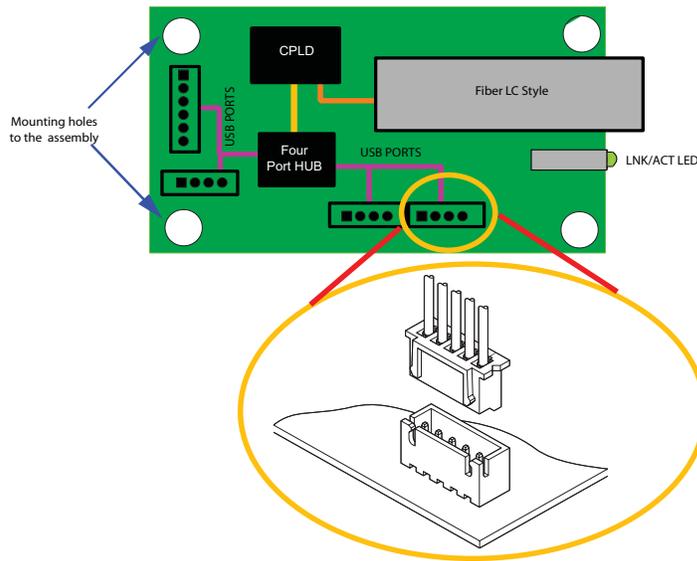


FIGURE 1. VT081 Functional Block Diagram

ORDERING OPTIONS

VT081 - A00 - 000 - 0HJ

A = Fiber

- 1 = LC/SX transceiver (850 nm)
- 2 = LC/LX transceiver (1310 nm)

H = Operating Temp

- 1 = Commercial
- 2 = Industrial

J = Conformal Coating

- 0 = None
- 1 = Humiseal 1A33 Polyurethane
- 2 = Humiseal 1B31 Acrylic

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