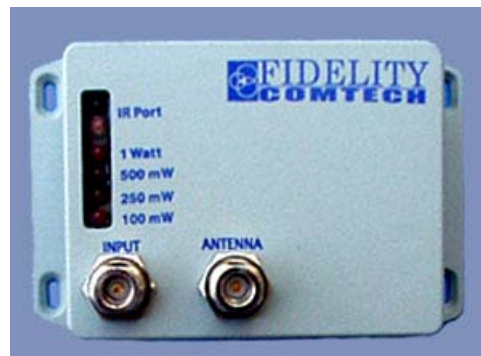


FCI-2401i: 4 in 1 Intelligent Amp Bi-Directional Amplifier with Automatic Gain Control for 2400 to 2484 MHz, Indoor operation

Fidelity Comtech, a leading provider of enhanced wireless access products offers a 4 in 1 bi-directional amplifier, providing increased access range and improved system flexibility and efficiency. The FCI-2401i provides four (4) selectable output signal settings of 100 mW, 250 mW, 500 mW and 1 Watt configurable via an integrated IR link. The microprocessor controlled unit implements a sophisticated automatic gain control algorithm that allows the product to compensate for varying cable loss and gain changes due to temperature. Designed for indoor installations this 802.11(b) based technology has been optimized for use with Direct Sequence Spread Spectrum wireless equipment. Integrated lightning protection is also provided. The FCI-2401i package includes; amplifier unit and AC power adapter.

FEATURES:

- Four adjustable signal output settings
- Remotely configurable
- Rugged design
- Visual status provided with four LED's
- Cast Aluminum construction
- Amplifier circuit card assembly available for OEM applications



FCI-2401i Amplifier Unit

SPECIFICATIONS:

Parameters	Specifications
Frequency Range	2400 to 2484 MHz
Receive Gain	20dB, maximum. Adjusts to maintain optimum performance
Receive Noise Figure	< 3.0 dB
Transmit Gain	Automatically adjusts to maintain output power
Minimum Signal Level	10 dBm for full power output
Transmit-Receive Switching Time	Less than 60 nanoseconds
DC Input power	7 to 24V dc
Output Power	Selectable; 1 Watt, 500 mW, 250 mW, 100mW
Operating Temperature Range	-40 Celsius to +85 Celsius
Connections	N female

Availability: Contact the Fidelity Comtech sales office for retail and OEM sales opportunities

FCC NOTICE: To comply with FCC part 15 rules in the United States, this amplifier must only be used in systems that have been FCC certified. The system must also be professionally installed to ensure compliance with the Part 15 certification. It is the responsibility of the operator and professional installer to ensure that only certified systems are deployed in the United States. Please visit our web site (www.fidelity-comtech.com) or contact our sales department to learn more about which configurations are currently certified, or how to get your system configuration certified.