



FC-2.4G/5.8G-2

Frequency converter of IEEE802.11b, 5750~5850MHz, Bi-Directional TDD, 200mW

PheeNet FC-2.4G/5.8G-2 is an advanced device which incorporates bi-directional TDD technology to convert transmission frequency and enhance output power of WLAN devices such as AP to operate in different frequency.

FC-2.4G/5.8G-2 could transmit signal under different frequency so as to avoid the interference. The same as PheeNet's Outdoor Booster, this converter adjusts the output power to the constant value automatically with 2~15dBm input power regardless of the cable length.

APPLICATION



Features

1. Convert the operating frequency from 2.4GHz to 5.8GHz band
2. 5750~5850MHz unlicensed ISM Band
3. Automatically adjusts input power to dedicated output power
4. Bi-Directional TDD technology
5. 20 dB receive gain
6. Transmitter and receiver LED
7. Waterproof housing

Specification

Frequency Band	5750~5850MHz
Input Frequency Range	2400 ~ 2484 MHz
Operating Mode	Bi-directional TDD
LO Frequency & Frequency Stability	3360 MHz; ± 2.0 ppm
Transmitter Output Power	200mW
Transmitter Input Power	2dBm ~ 15dBm
Receiver Input Power	-25dBm (max.)
Receiver Gain	20dB Typical
Frequency Response Flatness	± 1 dB over operating range
Noise Figure	< 5 dB
Switching Time	< 1 us
Connectors	N-Type Female
Operating Temperature	-30°C to +60°C
LED Indicators	Transmit: Green; Receive: Red
Power Supply	12VDC, 1.5A
Dimensions	195 x 95 x 23 mm
Weight	720g
Specification for DC Injector	
Input Power	9V, 2.5A
Connectors	N-Type Female
Dimensions:	99.1 x 53.5 x 21.2mm
Weight	165g

PheeNet Technology Corp.

Rm. 3, 20F, NO. 79, Hsin Tai Wu Rd., Sec. 1,
Hsi-Chih, Taipei, Taiwan
<http://www.pheenet.com>
TEL: 886-2-26982011 FAX: 886-2-26981421

