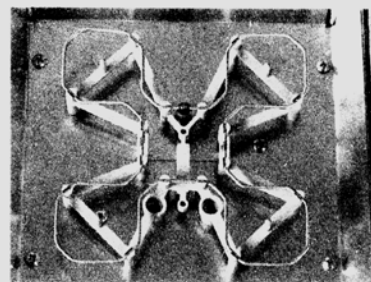


Panel Antenna Module

2400 to 2485 MHz Operation

Features

- Compact, Low Profile 13 dBi Antenna Gain
- Vertical or Horizontal Polarization
- 8" Pigtail with SMA Connector



Applications

- Integrated Radio/ Antenna Units
- WISP CPE Equipment

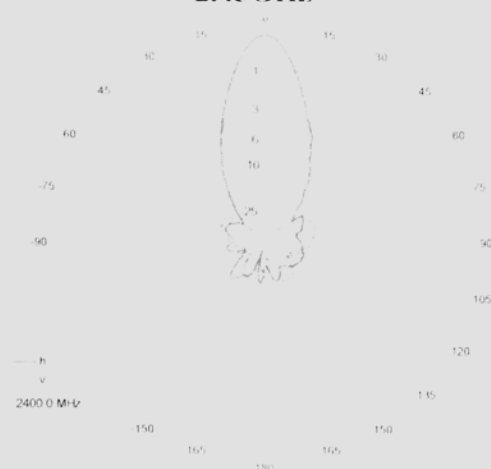
Description

The panel module offered by Pacific Wireless is developed for integration into a customer's radio equipment in order to facilitate the development and manufacture of an integrated 802.11b transceiver. The design utilizes a suspended wire element over a solid 8" square backplane. Antenna element can be terminated with a wide variety of pigtailed connections to suit the customer's needs. Backplane can be integrated with customer's electronics.

Specifications

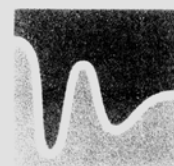
Parameter	Min	Typ	Max	Units
Frequency Range	2400		2485	MHz
Input Return Loss (S_{11})			-12	dB
VSWR	1.5:1			
Impedance		50		OHM
Input Power			20	W
Operating Temperature	-45		+70	Deg C
Gain		13		dBi
3db Beam Angle (E-Plane) Vertical Polarity		35		Deg
3dB Beam Angle (H-Plane) Horizontal Polarity		36		Deg
Front to Back	18			dB
Weight		5 (0.15)		Oz (kg)
Dimension L x W x H	8" x 8" x 1" (205 x 205 x 25)			Inches (mm)

Antenna Patterns at
2.45GHz



Note: All shipments F.O.B. Draper, UT 84020

For further information contact:



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