

Model No.: ID0800P

2.4GHz 8 dBi Patch Directional Antenna

ID0800P is a directional high gain antenna. It feature Selectivity and Directivity. For Wireless dense environment , the noise and interference overload the WLAN system, nobody can expect satisfactory wireless performance. The most effective solution is to specify the radio service spece, then focus the radio signal within the spece, and keep off the noise and inteference .

Features

- High gain : 8 dBi
- High performance
- Low backward radiation
- Low profile
- Smart and elegant style
- 360° Tilt-and-swivel design for best reception
- Versatile Mounting Design
- Light-weight



Electrical Specifications

Antenna Type	2.4GHz 8dBi Indoor Patch Antenna
Frequency Range	2.4 ~ 2.4835GHz
Network Specification	IEEE 802.11b , IEEE 802.11g , Wireless 2.4Ghz Network
Gain	8dBi
V.S.W.R	< 1.5
Beam Width-H Plane	110° (Vertical
Beam Width-E Plane	60° (Horizontal
Polarization	Vertical (Linear)
Input Impedance	50 Ohms
Connector	Reverse SMA Male Plug
Cable	RG178, Length: 100 CM
Mounting	360° Degree Adjustable Stand, Wall Mount or Table Mount
Operation Temperature	-20°C - + 70°C
Storage Temperature	-30°C - +85°C
Humidity	95% maximum (non-condensing)

System Requirements

- One Wireless Device with an external Antenna connector
- Connector Type : Reverse SMA Female Jack or Reverse TNC Male

Package Content

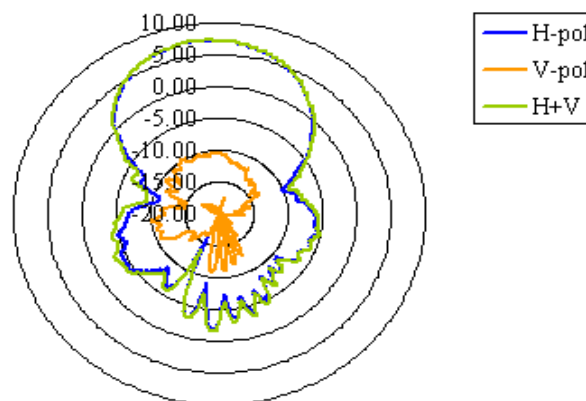
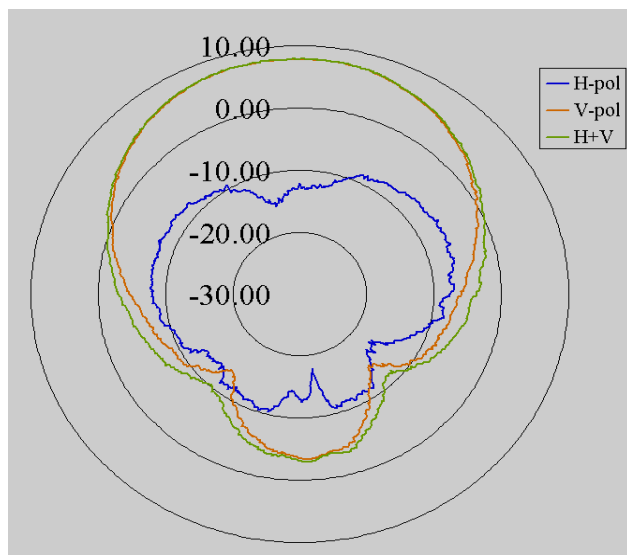
Hi-Gain Wireless Directional Antenna with Cable and Reverse SMA Connector	1 set
Wall Mounting Screw & Wire Organizing Bracket	1 set
Quick Installation Guide	1 pc
RP-SMA Female to RP-TNC Male Connector Adapter (for Use with Other Brands of Wireless Devices)	1 pc

Antenna Pattern Test Report :

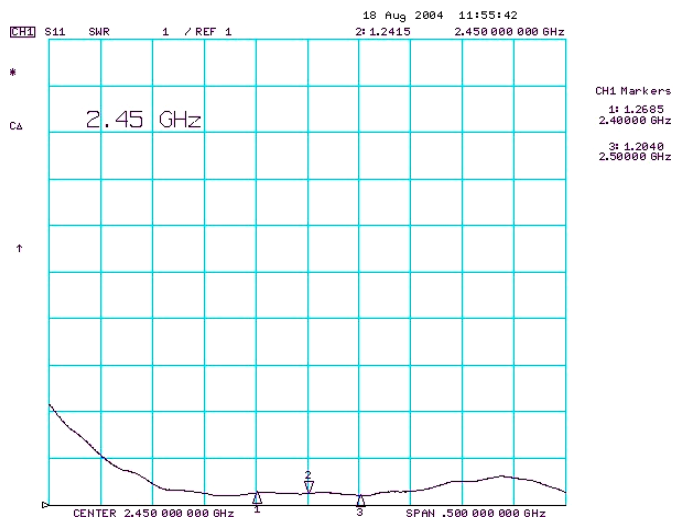
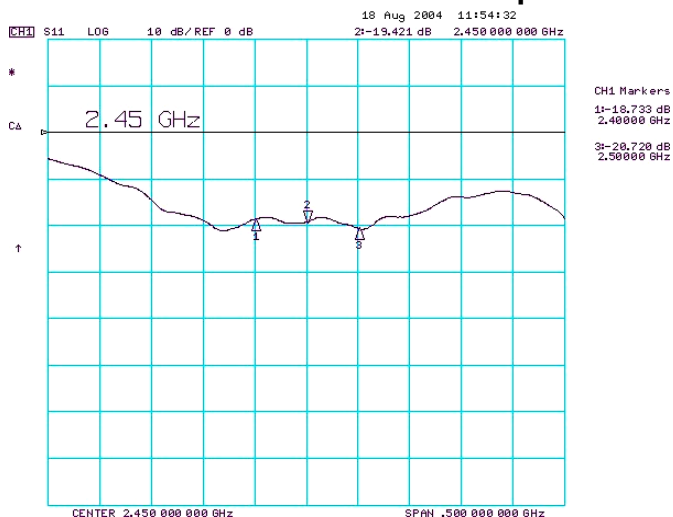
H plane (viewed vertically)

E plane (viewed horizontally)

H Plane	H-Pol	E-Pol	H+V	E Plane	H-Pol	E-Pol	H+V
Average Gain	-9.85	2.00	2.27	Average Gain	0.49	-13.21	0.67
Peak Gain	-6.21	7.85	7.88	Peak Gain	7.46	-9.72	7.52



Antenna S11 & V.S.W.R Test Report



RF Cable RG-178 + SMA Male R/P test report :

Coaxial Cable Attenuation Ratings Nominal attenuation db/100 feet at (MHz)

RG/U CABLE	1.0	10	50	100	200	400	900	1000	3000	5000
RG-178	2.6	5.6	10.5	14.0	19.0	28.0		46.0	85.0	100

