



NEW PRODUCT!

**Bwant3-6
DATA SHEET**



**Transformer Series™
2.4GHz 3/6dBi Antenna**

Features

- Patent Pending High Gain Transformable Antenna
- Transforms from 3dBi Omni to 6dBi Directional
- Better Interference Rejection, Longer Range
- Adjustable Knuckle: 90deg, 45deg or 180deg Angular Position
- Antenna rotates 360 degrees
- RPSMA or RPTNC Connector (Other connectors on request)

Applications

- Wireless Routers
- Hot Spot Clients
- Self Install WiFi Clients
- Remote Video Surveillance
- Home Entertainment
- Wireless Access Points
- 2.4GHz WiFi, 802.11b/g
- Home wireless networks
- Wireless VOIP Systems
- Wireless Video / Sound

Description

The Bountiful WiFi Bwant3-6 is a Patent Pending high performance wireless antenna designed specifically for indoor wireless applications. The antenna can be used in Omnidirectional mode to give full 360 degree coverage or it can be transformed to a Directional Antenna to maximize signal strength, minimize interference and increase useable range. The transformability of the antenna allows it to be optimized for the users unique performance needs. The built in knuckle gives indents at 45 degree, 90 degree and 180 degree angular adjustment for increased flexibility. The antenna can be used in Vertical or Horizontal Polarity. The unique swivel allows pointing the antenna in almost any direction in order to optimize signal strength, range and performance. With the optional MM-RD magnetic base the antenna can be mounted on a desktop, wall or ceiling.

Specifications

Operating Frequency	2400 to 2485 MHz
Antenna Gain- Omni Mode	3.0 dBi
Antenna Gain- Directional Mode	6.0 dBi
3dB Beamwidth	120 Degrees
VSWR	1.5:1
Impedance	50 Ohm
Max Input Power	10W
Connector Options	RPSMA or RPTNC (Other connector on request)
Operating Temperature	0 to 60 Deg C
Antenna Size (LxW)	5 x 1 inches (127 x 25 mm)
Weight	1.4 oz (40 g)

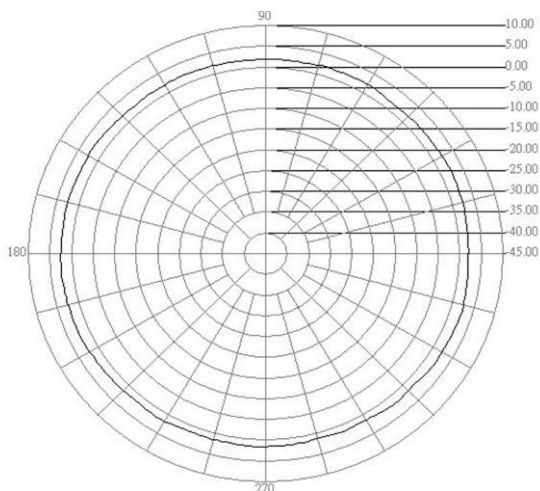


Bwant3-6 in Directional

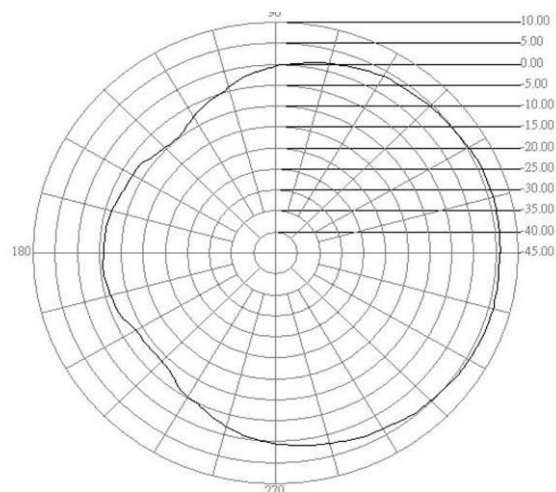


Bwant3-6 in Directional Mode

Antenna Patterns



H Plane – Azimuth
Omni Mode



H Plane – Azimuth
Directional Mode



*Bwant3-6
Contents*



Bwant3-6 Knuckle – 45



*Bwant3-6 in Omni Mode
RSMA Connector*



*Bwant3-6 in Omni Mode
RTNC Connector*

Notes:

- All shipments F.O.B. Bountiful WiFi
- Antennas carry a 2 Year Warranty

System Ordering:

- Bwant-3-6-RSMA** 2.4GHz 6dBi Transformer Series, Reverse Polarity SMA Connector
- Bwant-3-6-RTNC** 2.4GHz 6dBi Transformer Series, Reverse Polarity TNC Connector