



TWRN-91x3203-xx1

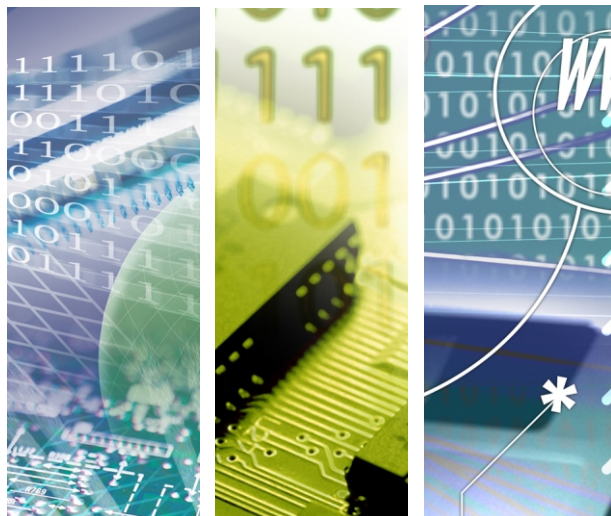
WiFi Dual Band PCB Substrate Antenna



MHF4 (Plug)



IPEX (Plug)



TWRN-91x3203-xx1

2.4GHz & 5GHz Embedded Dual Band PCB antenna

Introduction of Product

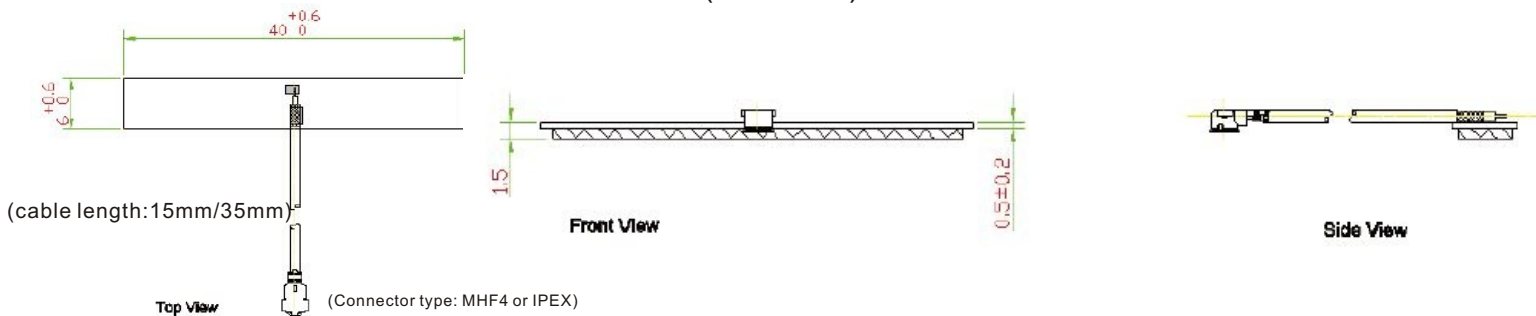
Bointec TWRN-91x3203-xx1* PCB antenna with cable series are specially designed for IEEE802.11(a/b/g/n) applications. Based on professional proprietary design and processes, this antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

(*check ordering information for connectors)

Product Highlight

- Perfect for Wifi dual band embedded(PCB) antenna
- Both IPEX and MHF4 connector available
- Dimension:40.0 x6.0 x 0.5(mm)
- Standard Length: 150mm/350mm
- Material: GF
- Working Frequencies:
2400~2500 & 4900~5900 MHz
IEEE802.11(a/b/g/n/AC)
Bluetooth 2.4GHz band
- Gain:
2400~2500 Mhz : 2.6dbi
4900~5900 Mhz : 3.3dbi
- Stable and reliable in performances
- Compact size
- RoHS compliance

Dimensions of antenna (unit: mm)

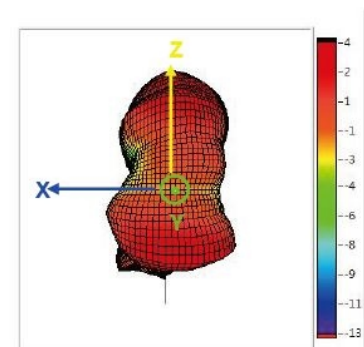
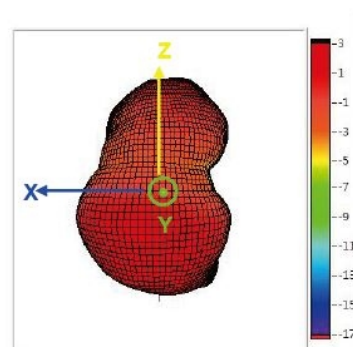
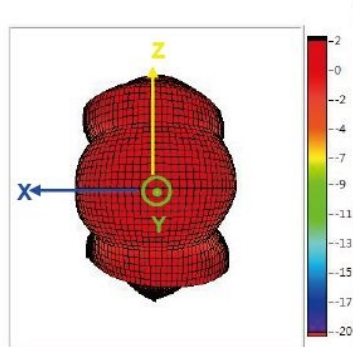
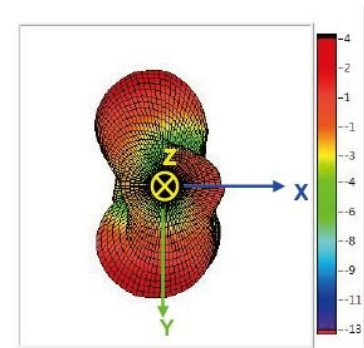
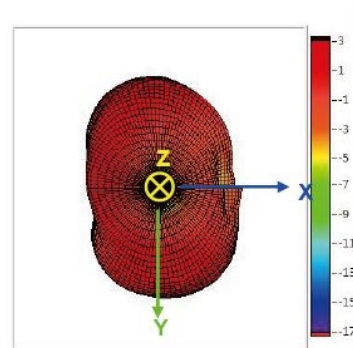
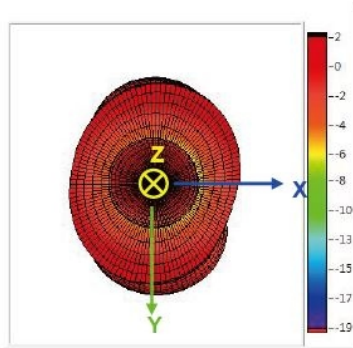
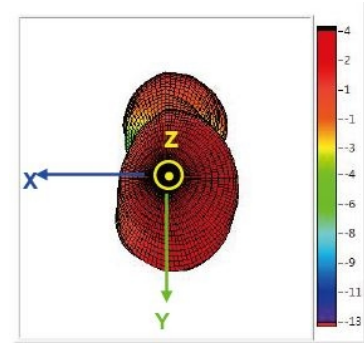
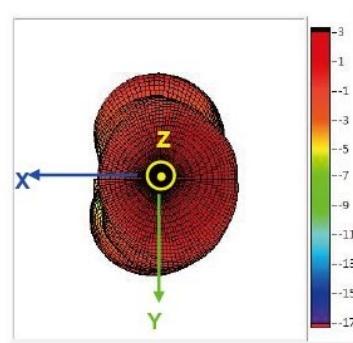
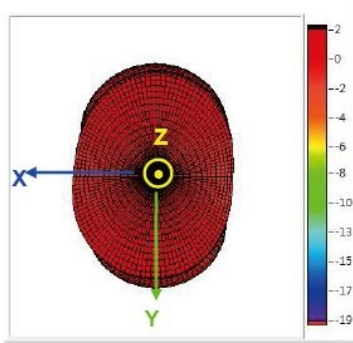


3D Gain Pattern

@ 2442 MHz(unit: dBi)

@ 5150 MHz(unit: dBi)

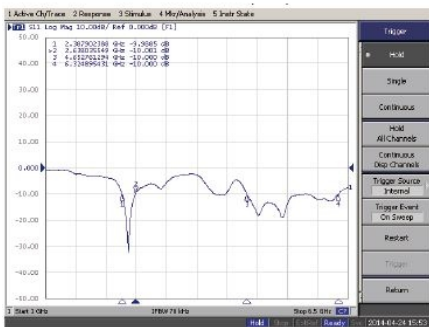
@ 5850 MHz(unit: dBi)



Return Loss & VSWR

Return Loss (S11)

VSWR (S11)



Ordering Information

PART NUMBER	DESCRIPTION
TWRN-9113203-151	2.4GHz+5.8GHz antenna embedded(IPEX connector,150mm)
TWRN-91G3203-151	2.4GHz+5.8GHz antenna embedded(MHF4 connector150mm)
TWRN-91G3203-351	2.4GHz+5.8GHz antenna embedded(MHF4 connector,350mm)



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