TWRN-91x3204-xx1





WiFi Dual Band antenna

Introduction of Product

Bointec TWRN-91x3204-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

- -WiFi Dual Band antenna
- -Dimensions:25.0 x 7.0 x 0.5(mm)
- -Material: GF
- -Working Frequencies: 2400~2500 & 4900~5900 MHz IEEE802.11(a/b/g/n/ac) or Bluetooth
- -Gain :
 - 2400~2500:0.9dBi
- 4900~5900 Mhz : 3.8dBi
- -Stable and reliable in performances
- -Compact size
- -RoHS compliance
- -Both IPEX and MHF4 connector available



Specification

@ 2442 MHz(unit: dBi)

lacksquare

11

13

-15

-18

20

22

-11

13

15

-18

20

22

3D Gain Pattern

@ 5850 MHz(unit: dBi)







@ 5150 MHz(unit: dBi)









Return Loss & VSWR

18

20



VTrace 2 Response 3 Stimulus 9/R 1,000/ Ref 3,000 7113 2.398195372 GHz 1.9254 2.485736227 GHz 1.9262 4.381642947 GHz 1.9262 9.00 8.00 7.00 6.00 5.00 4.00 3.000 2.00

VSWR (S11)

Ordering Information

PART NUMBER	DESCRIPTION
TWRN-9113204-151	2.4GHz+5.8GHz antenna embedded(IPEX connector,15mm)
TWRN-91G3204-151	2.4GHz+5.8GHz antenna embedded(MHF4 connector,15mm)
TWRN-91G3204-351	2.4GHz+5.8GHz antenna embedded(MHF4 connector,35mm)





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