TX5800-BLG-35 Product Data Sheet

5.8GHz Fiberglass Antenna

N-J Interface



成都亿佰特电子科技有限公司

Chengdu Ebyte Electronic Technology Co.,Ltd.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

I. Product Introduction

TX5800-BLG-35 is a 5.8GHz fiberglass antenna. Height of the antenna is 350mm, with a N-J interface (N male) and fiberglass shell. With several groups of antenna oscillators, it is suitable for long distance communication with its high gain, and it is widely used in the wild and other harsh environment because it's weatherproof. Due to its high stability and reliability, the fiberglass antenna is applicable to wireless terminal equipment, base station, gateway, wireless module, AP, router, wireless data transmission station and other equipment with high requirements.

II. Specification and Parameters

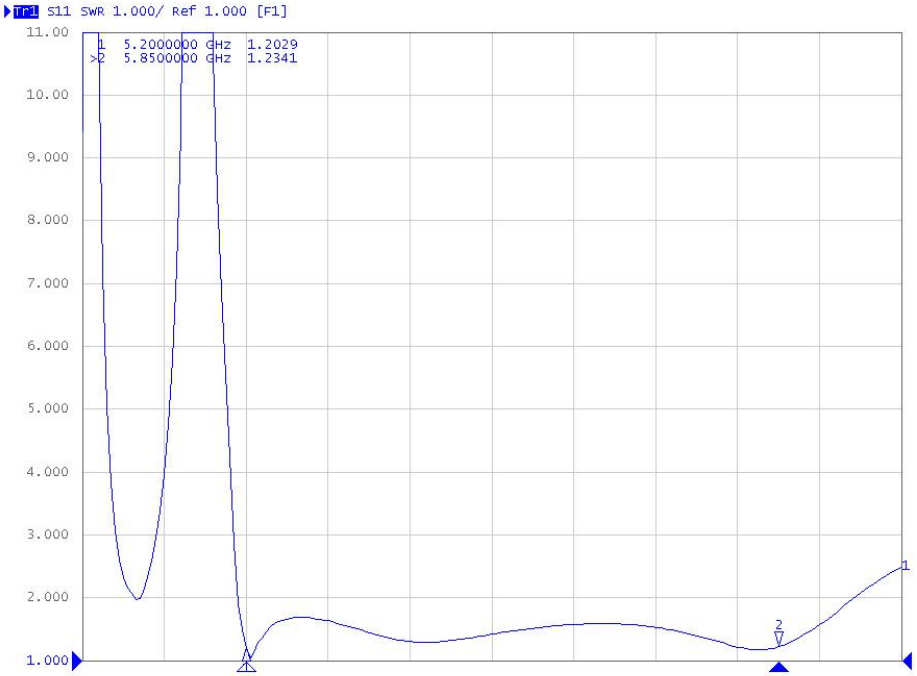
Physical Parameters	
Frequency	5.8GHz
Bandwidth	5.15-5.85GHz
Gain	10dBi
SWR	≤1.5
Polarization	Vertical
Radiation Direction	Omnidirectional
Input Impedance	50Ω
Power Capacity	100W
Other Parameters	
Height	350mm
Total Weight	132g
Diameter	Φ20mm
Coat Material	Fiberglass
Interface	N-J
Working Temperature	-40℃～+85℃
Storage Temperature	-40℃～+85℃

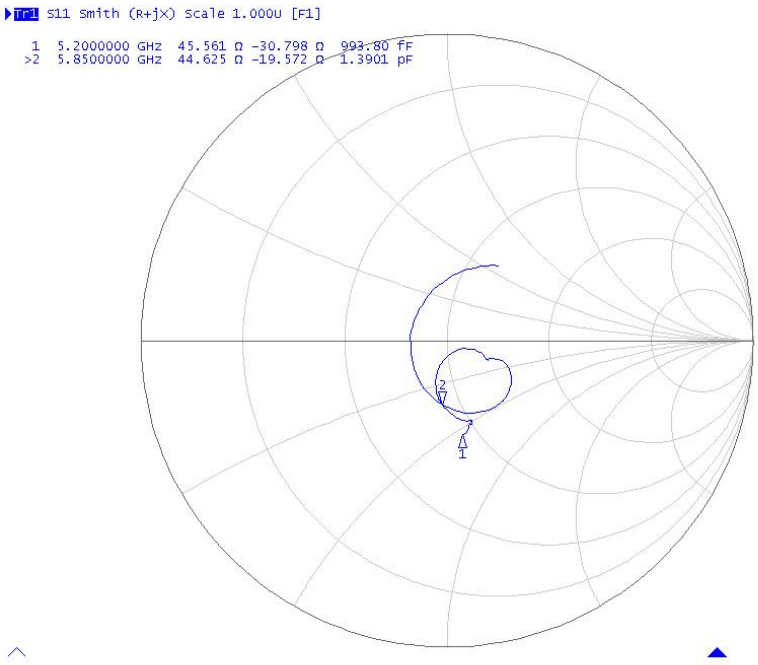


Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

III. Testing





Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

IV. FAQ

- Antenna frequency shall be matched with that of the wireless devices, or the communication will be affected;
- Diffraction performance will be better with lower communication frequency and longer wave;
- Communication distance will be shorter if there is any straight-line barrier;
- Please be noted of the antenna radiation direction. Incorrect direction by installation will result in short communication distance;
- As radio wave may be absorbed by the ground, result will be affected if tested close to ground. It is suggested to test at a higher place;
- As radio wave can be highly absorbed by the ocean water, result will be affected if tested close to the sea;
- Signal will be seriously weakened if the antenna is put close to metal or inside metal shell;
- Lower impedance matching of antenna and communication devices will result in bad communication.

About us

Technical support: support@cdebyte.com

Documents and RF Setting download link: www.ebyte.com

Thank you for using Ebyte products! Please contact us with any questions or suggestions: info@cdebyte.com

---

Fax: 028-64146160 ext. 821

Web: www.ebyte.com

Address: Innovation Center D347, 4# XI-XIN Road,Chengdu, Sichuan, China

成都亿佰特电子科技有限公司
Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000