

PRELIMINARY SPECIFICATION

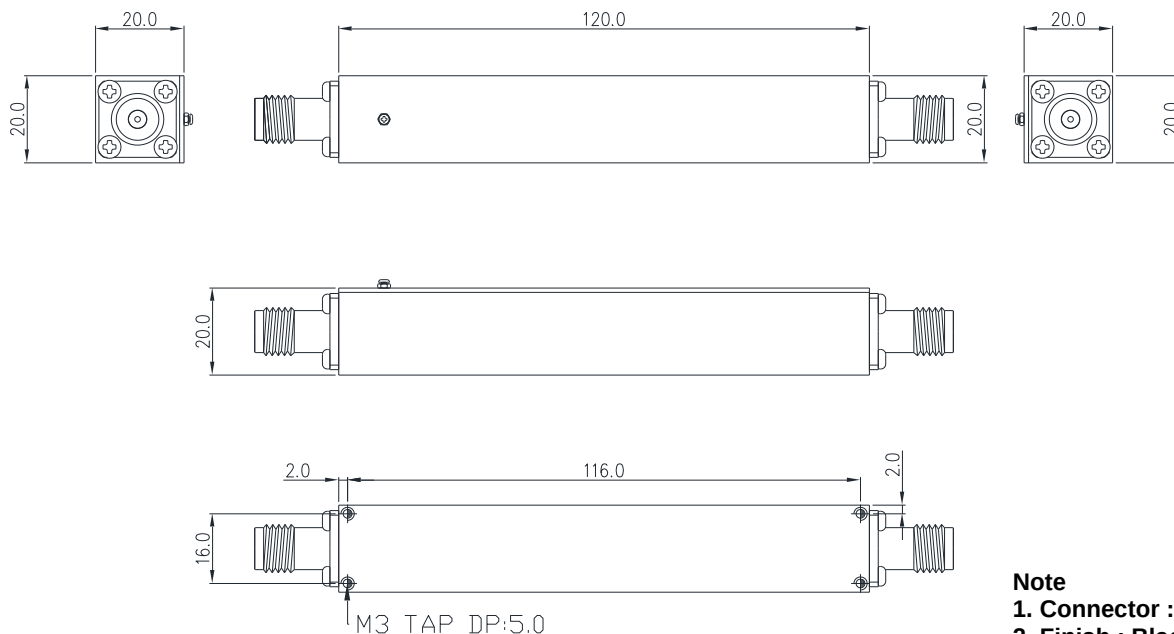
Product Name : X-Band High Power BPF

Part No : MBP-C9300_600MT-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.04.20	Bryan Jeon	Michael Jeon
2	-	Has changed insertion loss spec	2021.04.26	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note

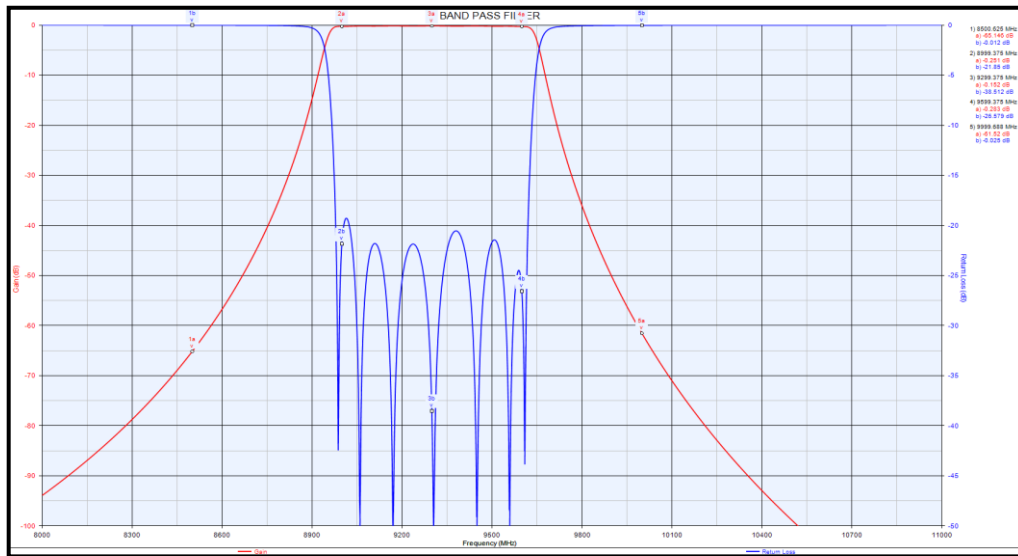
1. Connector : TNC
2. Finish : Black Epoxy

■ Electrical Specification

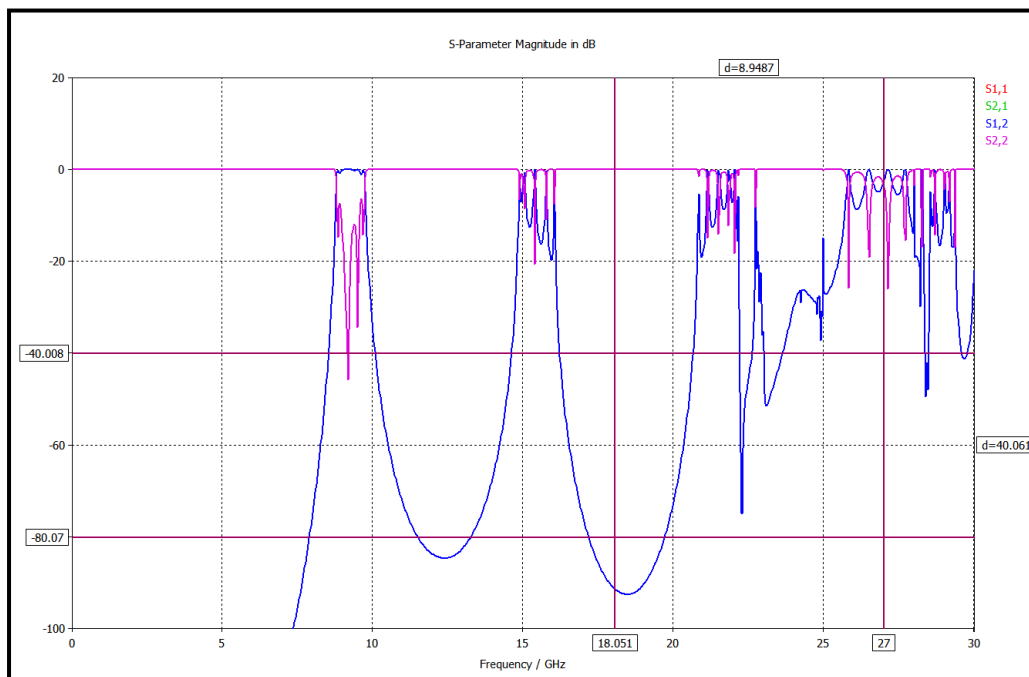
Parameter	Specification	Compliance
1. Center Frequency	9300MHz	C
2. Frequency Range	9000 ~ 9600 MHz	C
3. Insertion Loss	0.3 dB Max. (0.4 dB Max. , Temp)	C
4. Return Loss	15dB Min.	C
5. Rejection	55dBc Min, 60dBc Typ @ DC ~ 8500MHz	C
	40dBc Min, 45dBc Typ @ 10000 ~ 18000MHz	N.C
6. 2 nd Harmonic rejection	80dBc Min. @ 18000 ~ 19200MHz	N.C
7. 3rd Harmonic rejection	80dBc Min. @ 27000 ~ 28800MHz	N.C
8. Input RF Interface	TNC	C
9. Output RF interface	TNC	C
10. Input peak power level	900W Typ. 1000W Max.	C
11. input average power level	130W	C
12. DC voltage withstand	n/a	C
13. Operating Temperature	-40°C ~ +90°C	C
14. Storage Temperature	-55°C ~ +95°C	C
15. Humidity	0 ~ 90%	C
16. Altitude	4500m	C
17. Vibration	To be used in a dynamic environment of shock and vibration	C
18. Size(LXWXH)	120.0X20.0X20.0(mm)	C

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

■ Simulation Curve based on schematic.



■ Simulation Curve based on 3D modeling.



■ 3D Modeling.

