Part No. WFIL-H1200-8000F

1.2-8GHz Highpass Filter/SMA



Features:

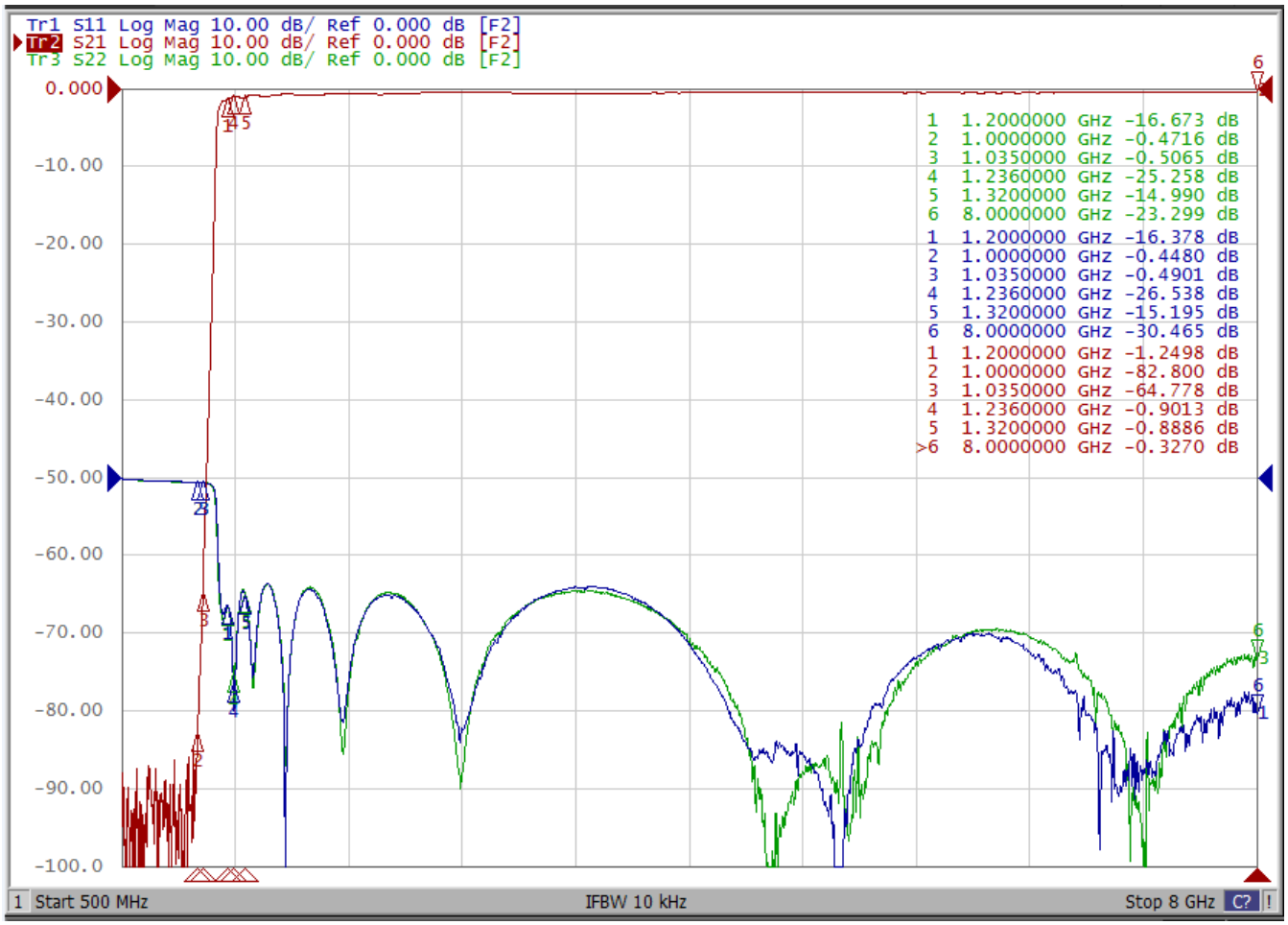
- Low VSWR
- Low Insertion Loss
- High Performance

RoHS Compliant

Electrical Specification	
Pass Band Frequency	1.2-8GHz
Description	Highpass Filter
Insertion Loss	1.3dB(Max.)@1.2-1.236GHz， 1.2dB(Max.)@1.236-1.32GHz， 1.0dB(Max.)@1.32-8GHz
Return Loss	9.5dB min.
Rejection	DC-1000MHz : 60dB min. 1000-1035MHz:40dB min.
Impedance	50 Ohm
Power Handling	10W
Connector Type	SMA

Environmental Specification	
Operating Temperature	0~+55℃

Test Curve


Tr1 S11 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.0
1 1.2000000 GHz -16.673 dB
2 1.0000000 GHz -0.4716 dB
3 1.0350000 GHz -0.5065 dB
4 1.2360000 GHz -25.258 dB
5 1.3200000 GHz -14.990 dB
6 8.0000000 GHz -23.299 dB
1 1.2000000 GHz -16.378 dB
2 1.0000000 GHz -0.4480 dB
3 1.0350000 GHz -0.4901 dB
4 1.2360000 GHz -26.538 dB
5 1.3200000 GHz -15.195 dB
6 8.0000000 GHz -30.465 dB
1 1.2000000 GHz -1.2498 dB
2 1.0000000 GHz -82.800 dB
3 1.0350000 GHz -64.778 dB
4 1.2360000 GHz -0.9013 dB
5 1.3200000 GHz -0.8886 dB
>6 8.0000000 GHz -0.3270 dB
1 Start 500 MHz
IFBW 10 kHz
Stop 8 GHz