Part No. WFIL-B9350-9950F

9350-9950MHz Bandpass Filter/SMA



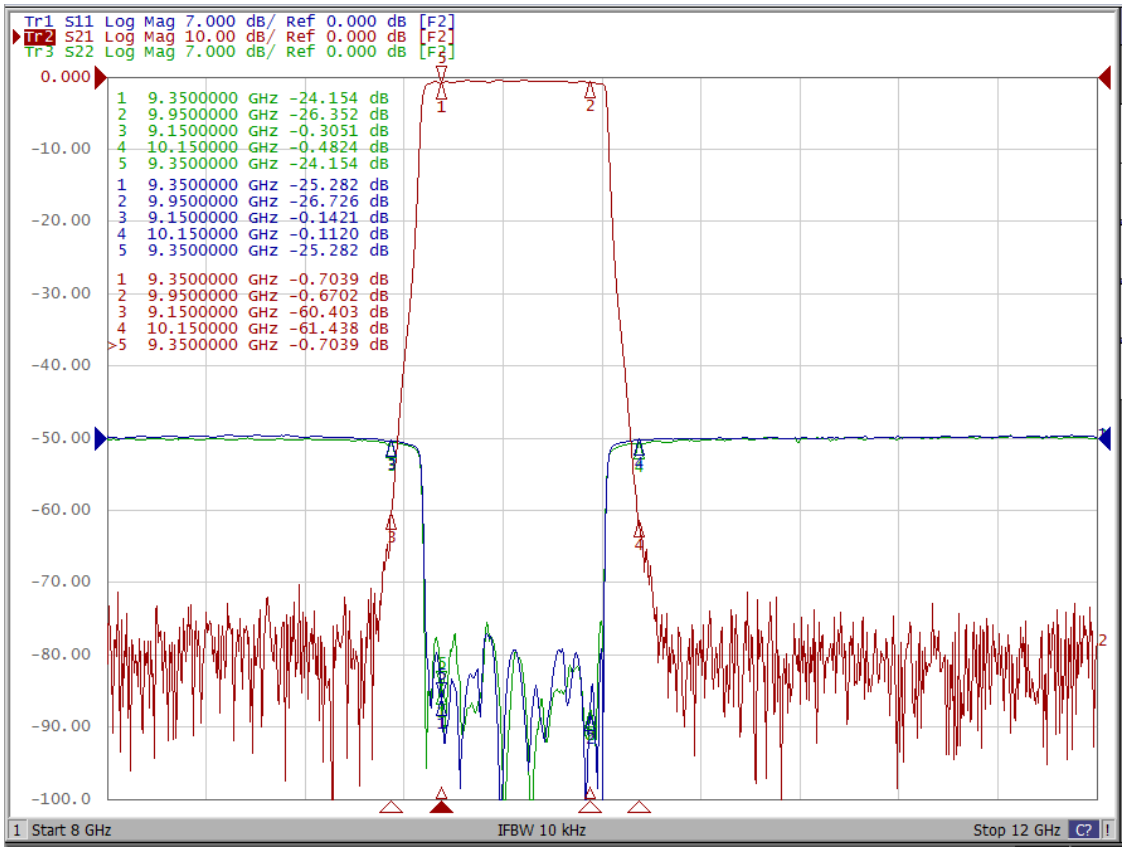
Features:

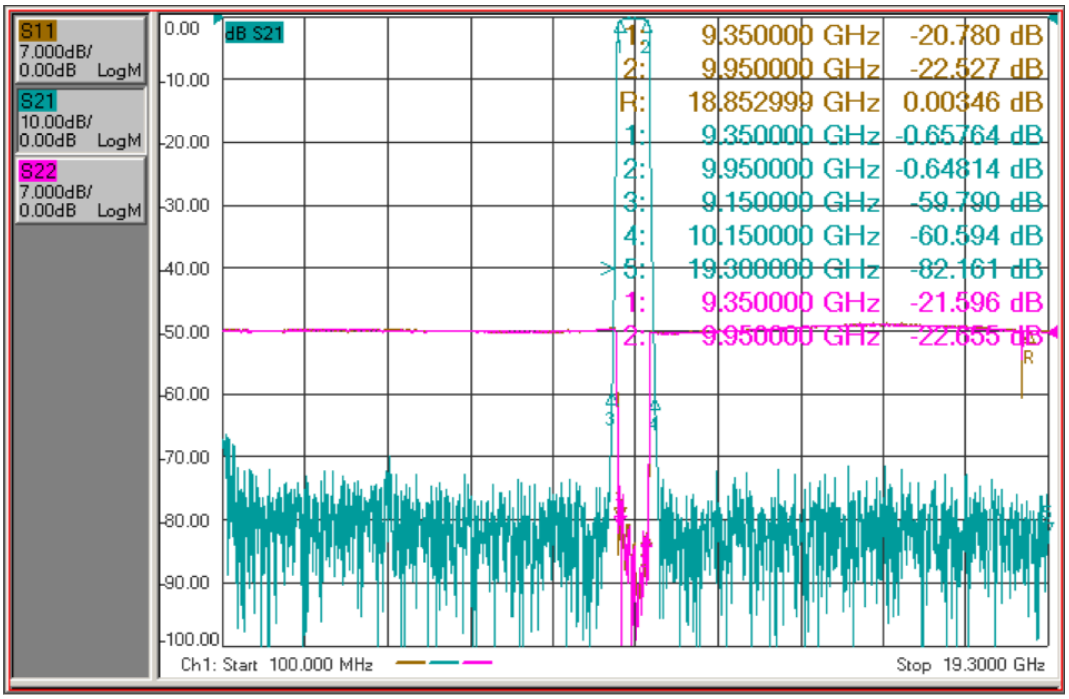
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Passband Frequency	9350-9950MHz
Description	Bandpass Filter
Insertion Loss	0.8dB max.
Return Loss	14dB min.
Rejection	DC-9150MHz:50dB min. 10150-19300MHz:50dB min.
Power Handling	5W
Impedance	50 Ohm
Connector Type	SMA Female

Environmental Specification	
Operating Temperature	0~+50℃

Test Curve


Tr1 S11 Log Mag 7.000 dB/ Ref 0.000 dB [F2]
Tr2 S21 Log Mag 10.00 dB/ Ref 0.000 dB [F2]
Tr3 S22 Log Mag 7.000 dB/ Ref 0.000 dB [F2]
1 9.3500000 GHz -24.154 dB
2 9.9500000 GHz -26.352 dB
3 9.1500000 GHz -0.3051 dB
4 10.150000 GHz -0.4824 dB
5 9.3500000 GHz -24.154 dB
1 9.3500000 GHz -25.282 dB
2 9.9500000 GHz -26.726 dB
3 9.1500000 GHz -0.1421 dB
4 10.150000 GHz -0.1120 dB
5 9.3500000 GHz -25.282 dB
1 9.3500000 GHz -0.7039 dB
2 9.9500000 GHz -0.6702 dB
3 9.1500000 GHz -60.403 dB
4 10.150000 GHz -61.438 dB
>5 9.3500000 GHz -0.7039 dB
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.0
1 Start 8 GHz
IFBW 10 kHz
Stop 12 GHz


S11
7.000dB/
0.00dB LogM
S21
10.00dB/
0.00dB LogM
S22
7.000dB/
0.00dB LogM
dB S21
0.00
-10.00
-20.00
-30.00
-40.00
-50.00
-60.00
-70.00
-80.00
-90.00
-100.00
1: 9.350000 GHz -20.780 dB
2: 9.950000 GHz -22.527 dB
R: 18.852999 GHz 0.00346 dB
1: 9.350000 GHz -0.65764 dB
2: 9.950000 GHz -0.64814 dB
3: 9.150000 GHz -59.790 dB
4: 10.150000 GHz -60.594 dB
>5: 19.300000 GHz -82.161 dB
1: 9.350000 GHz -21.596 dB
2: 9.950000 GHz -22.655 dB
Ch1: Start 100.000 MHz
Stop 19.3000 GHz