Part No. WFIL-N3800-4200F

3800-4200MHz Notch Filter/SMA



Features:

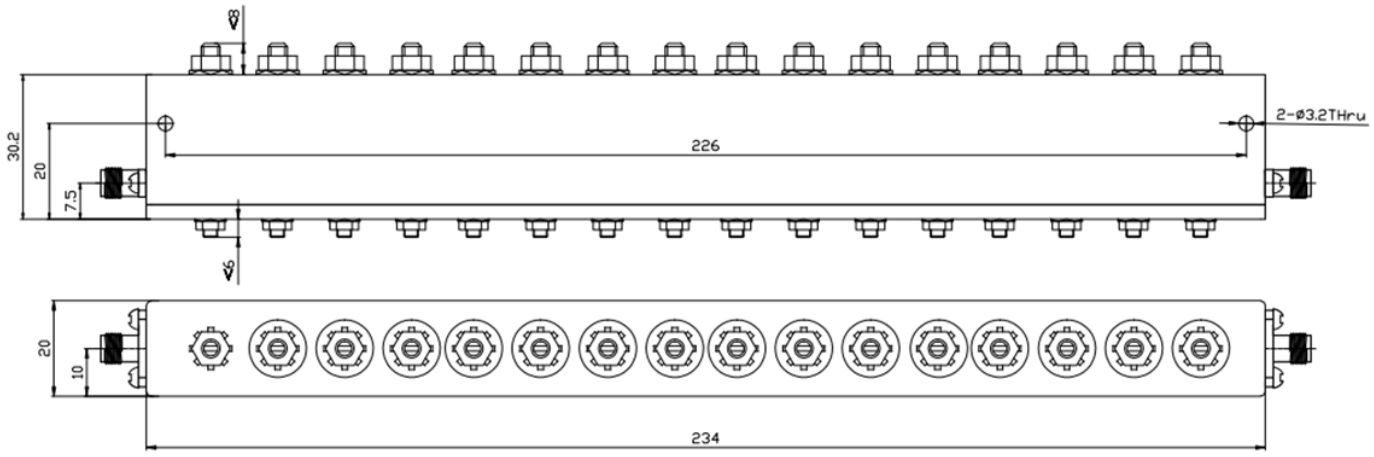
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	40dB min.: 3800-4200MHz
Passband	DC-3750MHz,4250-6500MHz
Insertion Loss	2.0dB max .
Return Loss	10dB min.
Impedance	50 Ohm
Power Handling	20W
Connector Type	SMA Female

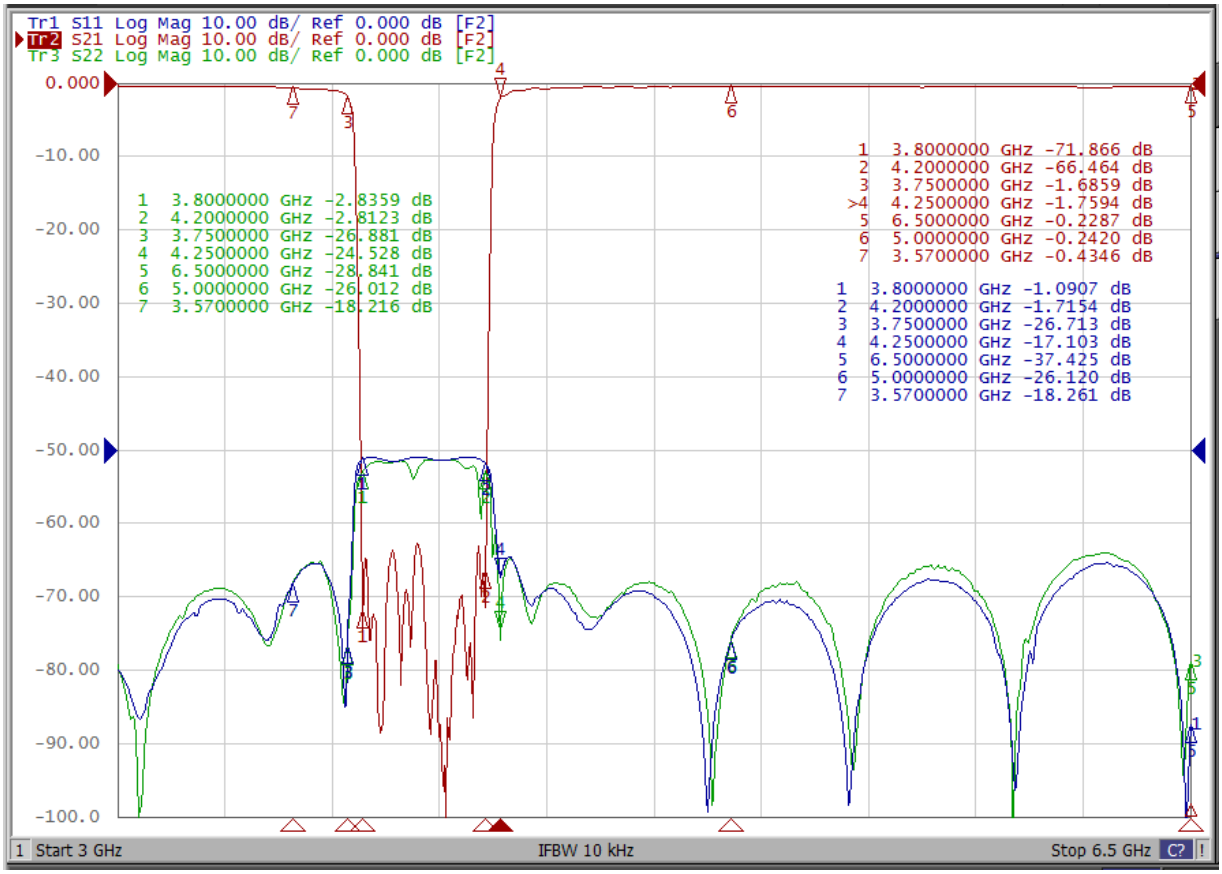
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm



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 3.8000000 GHz -2.8359 dB
2 4.2000000 GHz -2.8123 dB
3 3.7500000 GHz -26.881 dB
4 4.2500000 GHz -24.528 dB
5 6.5000000 GHz -28.841 dB
6 5.0000000 GHz -26.012 dB
7 3.5700000 GHz -18.216 dB
1 3.8000000 GHz -71.866 dB
2 4.2000000 GHz -66.464 dB
3 3.7500000 GHz -1.6859 dB
>4 4.2500000 GHz -1.7594 dB
5 6.5000000 GHz -0.2287 dB
6 5.0000000 GHz -0.2420 dB
7 3.5700000 GHz -0.4346 dB
1 3.8000000 GHz -1.0907 dB
2 4.2000000 GHz -1.7154 dB
3 3.7500000 GHz -26.713 dB
4 4.2500000 GHz -17.103 dB
5 6.5000000 GHz -37.425 dB
6 5.0000000 GHz -26.120 dB
7 3.5700000 GHz -18.261 dB
1 Start 3 GHz
IFBW 10 kHz
Stop 6.5 GHz