Part No. WFIL-N1668-1675F

1668-1675MHz Notch Filter/SMA



Features:

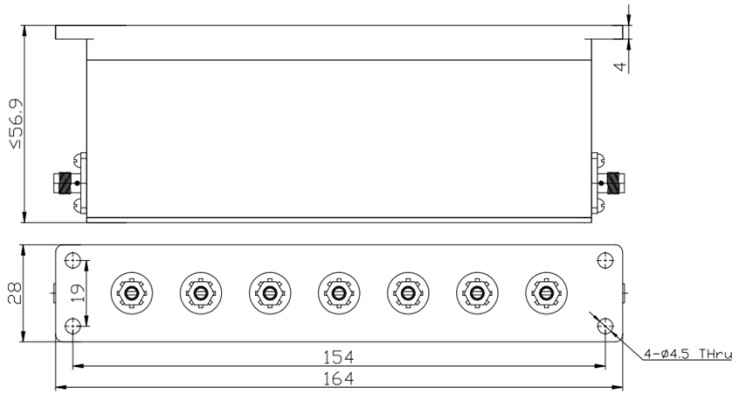
- Low VSWR
- Low Insertion Loss
- High Performance

Electrical Specification	
Description	Notch Filter
Notch Depth	60dB min.: 1668-1675MHz
Passband	DC-1650MHz , 1690-4500MHz
Insertion Loss	2.0dB max.
VSWR	2.0:1 max.
Passband Ripple	2.0dB(Max.)
Power Handling	5W
Impedance	50 Ohm
Connector Type	SMA Female

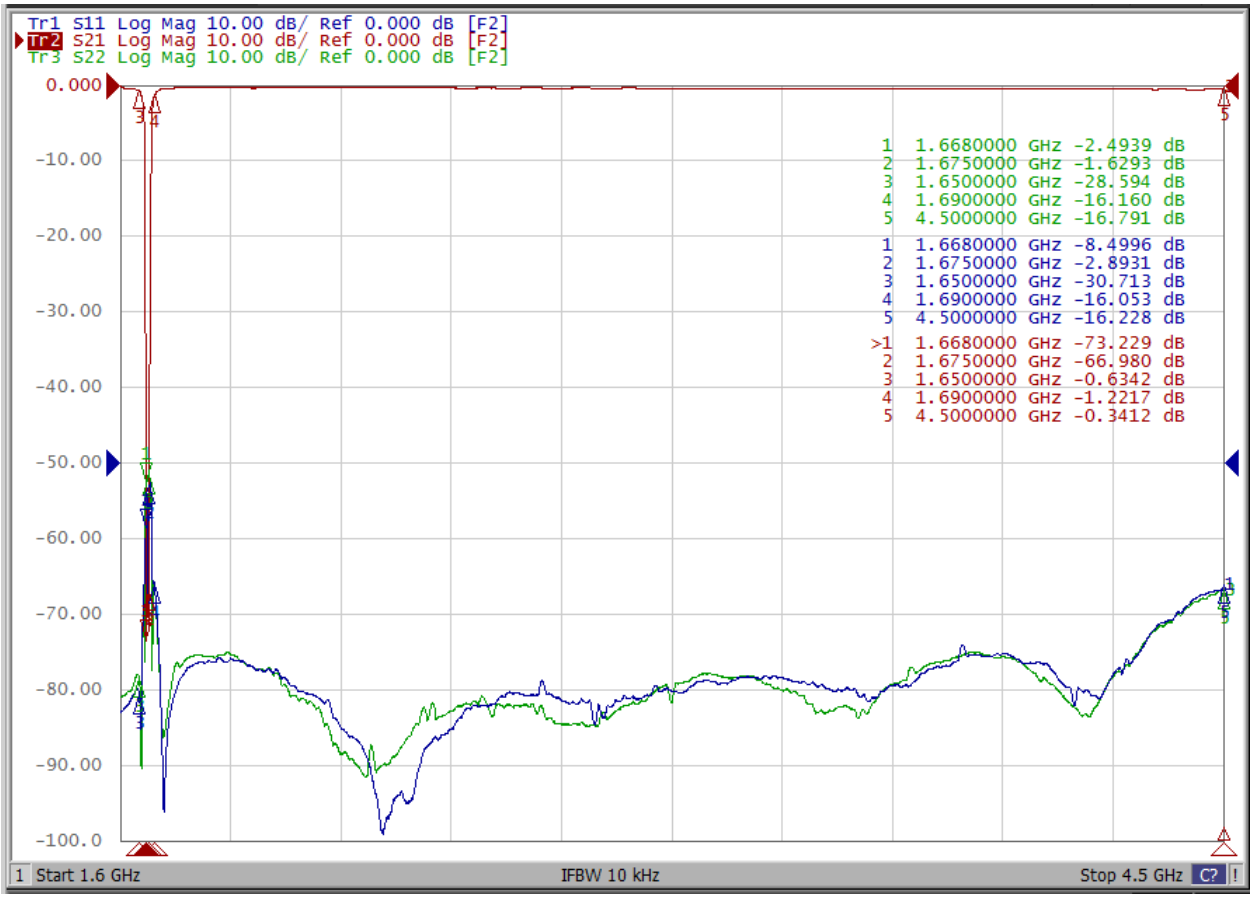
Environmental Specification	
Operating Temperature	0~+50℃

Outline

Unit:mm Tolerance:±0.5mm



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 1.6680000 GHz -2.4939 dB
2 1.6750000 GHz -1.6293 dB
3 1.6500000 GHz -28.594 dB
4 1.6900000 GHz -16.160 dB
5 4.5000000 GHz -16.791 dB
1 1.6680000 GHz -8.4996 dB
2 1.6750000 GHz -2.8931 dB
3 1.6500000 GHz -30.713 dB
4 1.6900000 GHz -16.053 dB
5 4.5000000 GHz -16.228 dB
>1 1.6680000 GHz -73.229 dB
2 1.6750000 GHz -66.980 dB
3 1.6500000 GHz -0.6342 dB
4 1.6900000 GHz -1.2217 dB
5 4.5000000 GHz -0.3412 dB
1 Start 1.6 GHz
IFBW 10 kHz
Stop 4.5 GHz