

5G Filter 5G3742 Series

Overview

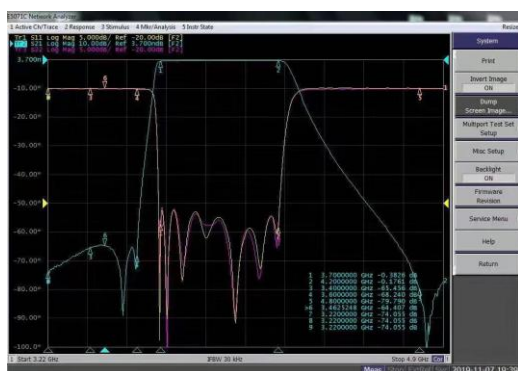
With the rise of the 5th generation mobile communication technology (5G communication), the C-band downlink frequency band of satellite communication is inevitably interfered by 5G signals. The anti-5G interference filter 5G3742B series developed by Beijing SatHarbor Technology Development Co., Ltd. is an excellent solution.

This product has been widely used in major telecommunications operators, radio and television, civil aviation management and other users.

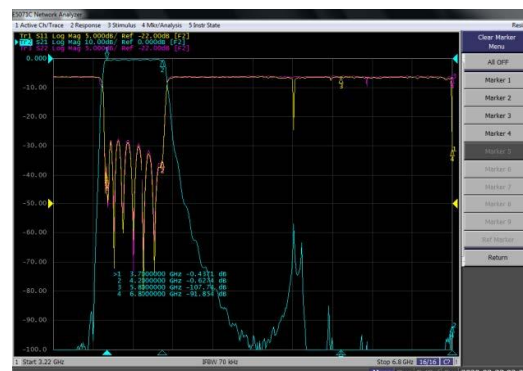


Specifications

Passband frequency (MHz)	3650 – 4350 (other frequencies optional)
In-band insertion loss (dB)	≤0.4
VSWR	≤1.3
Out-band suppression (dB)	≥55db @ 3450 - 3550MHz ≥55db @ 3550 - 3650MHz ≥70db @ 4800 - 4900MHz ≥70db @ 5800 - 6800MHz
Input power (Watt, max)	100W
Peak power (Watt, max)	600W
Impedance (Ω)	50Ω
Operating temperature (°C)	-30 - +60
Humidity (%)	≤95
Waterproof/Dustproof	IP65
Interface	BJ40G/F(CPR-229G/F)
dimension (mm)	112.00×98.60×69.85
Weight (kg)	0.58



Test Data 1



Test Data 2