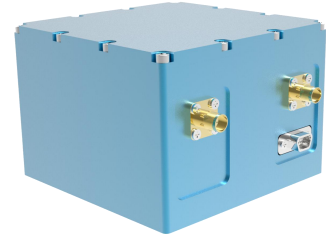


## Sapphire Filter TQSR-F10

TQSR is a narrowband filter with a high-quality factor sapphire resonator as its core component. It features high-sensitivity temperature control, and the internal core operating temperature can be adjusted via a serial port. It can be used for harmonic filtering in the microwave frequency range.



Item	Value
Frequency	8~12G
3dB band width	100kHz~5MHz
temperature scope	> 60℃
temperature control accuracy	0.02℃
Q value	> 70000
input loss	2dB ~ 9dB
environment temperature	-40~50℃ ( installed with a low thermal resistance to the case.)
power supply voltage	12V
power supply current	<3A (Start) , < 0.5A (steady)
Dimension	85mm×85mm×60mm

### Dimension

1.Port 1

2.Port 2

3.Power

