

# AsiaSat 5G Interference Rejection Bandpass Filter Spec Sheet

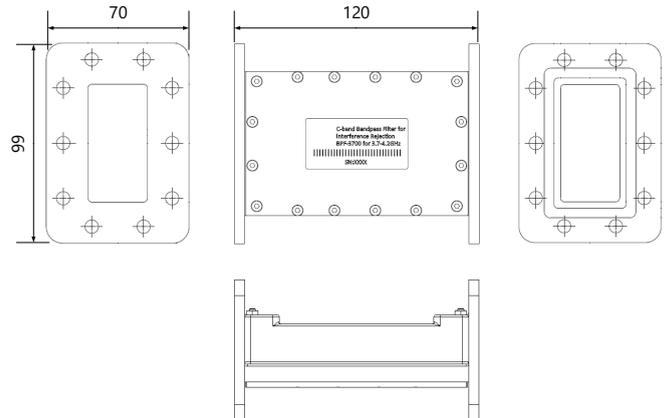
Flexibility.  
Excellent Performance.  
Compact with High Reliability.



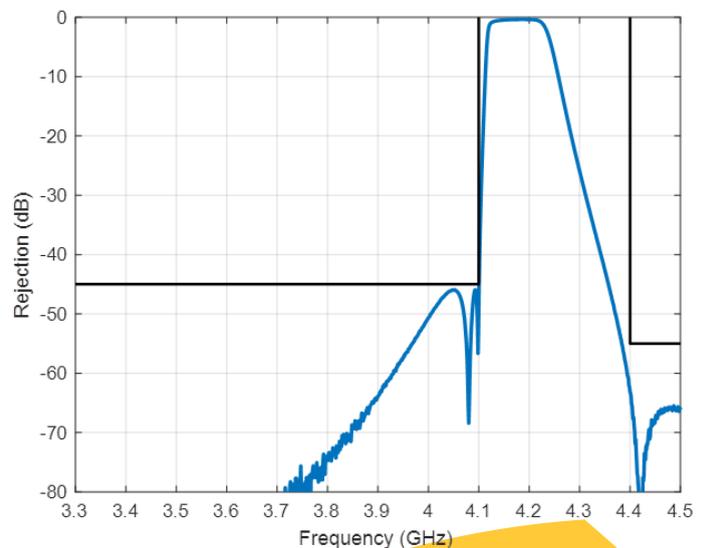
## SPECIFICATIONS (BPF-4125)

|                              |                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------|
| Frequency range:             | 4125 - 4200 MHz                                                                     |
| Return loss in pass band:    | >16 dB (Typical > 22dB)                                                             |
| Insertion loss in pass band: | 4125 - 4000 MHz < 1.5 dB (Target 1.1dB)<br>4150 - 4200 MHz < 0.75 dB (Target 0.5dB) |
| Rejection:                   | Below 4100 MHz > 45 dB<br>4400 - 4800 MHz > 55 dB<br>@ 4800MHz > 60dB               |
| Waveguide Flange:            | WR-229G (input)<br>WR-229F (output)                                                 |
| Dimensions (L x W x H):      | 120mm x 99mm x 70mm                                                                 |
| Weight:                      | 530g                                                                                |
| Operating Temperature:       | -40°C to 60°C                                                                       |
| Environmental:               | IP67                                                                                |
| Warranty:                    | 2 years                                                                             |

## Mechanical Drawing



## Typical Performance



For more information, please contact: [5G\\_info@asiasat.com](mailto:5G_info@asiasat.com)  
AsiaSat Proprietary, 16 Mar 2026