

AsiaSat 5G Interference Rejection Bandpass Filter

Protect your C-band Service Flexibility. Excellent Performance. Compact with High Reliability.



KEY BENEFITS

- **Flexibility:** Customised solution for different 5G bands in different countries. A series of models with optimised rejection and passband to reject 5G spectrum up to 3.6, 3.7 and 3.8 GHz. The rejection level can be customised according to the severeness of the interference
- **Performance:** Excellent RF performance on both the in-band and out-of-band. The collaborating BPF manufacturer is experienced in cavity and waveguide type of outdoor microwave filters of similar bands
- **Compact:** Standard WR229 interface, 12cm body length and less than 530g mass. One of the shortest and lightest BPFs in the market
- **Reliability:** Warranty up to three years, the longest in the market, which assures safe use of the BPF products by end users

PERFORMANCE

	AsiaSat BPF	Conventional BPF
Weight	< 530g	> 600g
Length	12cm	> 12cm
Environmental	IP67	IP66
Rejection Level	Customised	Fixed Level
5G Frequency	3.6, 3.7, 3.8 GHz	3.6 GHz

For more information, please contact: as-mkt@asiasat.com

AsiaSat Proprietary, 28 Aug 2019

FIELD TEST RESULTS

- Out-of band 5G interference rejection: Can suppress interference signals from 5G base stations in less than 100m with full power transmission
- In-band satellite carrier link margin degradation: AsiaSat BPF in-band result outperforms other filters over the standard FSS C-band frequencies. Below is the satellite TV carrier MER degradation test result, compared to the performance of the configuration without a BPF

