AsiaSat 5G Interference Rejection Bandpass Filter Spec Sheet

Flexibility.
Excellent Performance.
Compact with High Reliability.

**SPECIFICATIONS (BPF-3800R)**

- **Frequency range:** 3800 - 4200 MHz
- **Return loss in pass band:** >16 dB (Typical > 22dB)
- **Insertion loss in pass band:**
  - 3800 - 3900 MHz < 0.55 dB
  - 3900 - 4150 MHz < 0.45 dB
  - 4150 - 4175 MHz < 0.55 dB
  - 4175 - 4200 MHz < 1.0 dB
- **Rejection:**
  - Below 3600 MHz > 61 dB
  - 3600 - 3700 MHz > 60 dB
  - 4230 - 4500 MHz > 45 dB
  - 4500 - 4800 MHz > 50 dB
  - @4800 MHz > 60 dB
- **Waveguide Flange:** WR-229G (input)
  - 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

For more information, please contact: 5G_info@asiasat.com
AsiaSat Proprietary, 28 Apr 2020

Copyright © 2020 Asia Satellite Telecommunications Co. Ltd. All Rights Reserved.
Distribution of substantially modified versions of this document is prohibited without the explicit permission of AsiaSat