

5G Bandpass Interference Filter

BOM10737

Spectrum Control's radar altimeter, 5G low loss cavity filter is specifically designed to eliminate interference between 5G cell phone systems and aircraft radar altimeters.

The cavity filter approach provides low loss and is rugged and suitable for use in all aircraft both fixed and rotary wing.

Application

- Radar Altimeter Interference

Specifications

Passbands

- 4250 to 4350 MHz

Passband Insertion Loss

- 1.0 dB max

Passband Return Loss

- -15 dB

Passband Group Delay

- 2.0 nsec max

Stopbands

- 10 dB @ 4200 and 4400 MHz
- 40 dB @ 4100 and 4500 MHz
- 70 dB @ 3000 to 3700 MHz
- 80 dB @ 4800 to 6000 MHz

Power

- 10 watts average

Approximate Size

- 4.0 x 1.7 x 1.20

