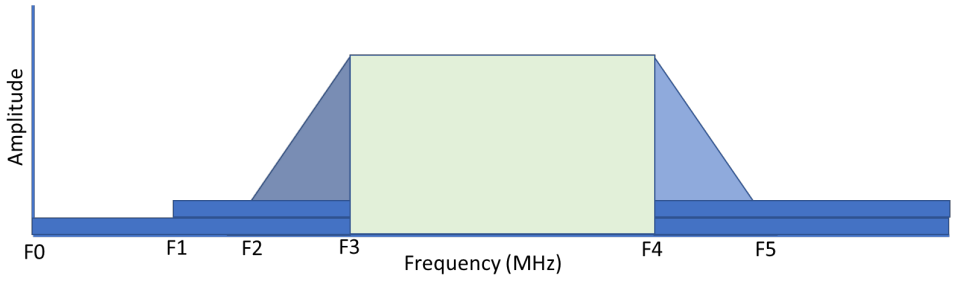
BPF-3820
Intelsat 5G Interference Rejection Bandpass Filter Specs

Intelsat recommends the following filter BPF-3820 specification in order to protect FSS earth station receivers operating in the 3 820 – 4 200 MHz from LNA/LNB saturation.

Filter BPF-3820 Specification		
		Value
Electricals Characteristics:	Pass Band	3820 - 4200 MHz
	Group delay variation within +/- 0.5 MHz	1.45 nSec Max
	Insertion Loss	1.3 dB Max
	Rejection at 3800 MHz	60 dB Min
	Return Loss	20 dB Min
	Rejection at 4230 MHz	25 dB Min
	Rejection at 3803 MHz (temp drift)	50 dB Min
Mechanicals Characteristics:	Interfaces : CPR-229G & CPR-229F	
	Size: 6.75 " X 3.00" X 2.96"	
	Finish: Matte white light textured paint	

PICTURE OF THE FILTER?

Spec summary
F0 (3720 MHz) rejection: 70 dB min
F1 (3800 MHz) rejection: 60 dB min
F2 (3803 MHz) rejection: 50 dB min
F3 (3820 MHz) passband start
F4 (4200 MHz) passband end
F5 (4230 MHz) rejection: 25 dB min