

BPF-3920

Intelsat 5G Interference Rejection

Bandpass Filter Specs

Intelsat recommends the following filter BPF-3920 specification in order to protect FSS earth station receivers operating in the 3 920 – 4 200 MHz from LNA/LNB saturation.

Filter BPF-3920 Specification		
		Value
Electricals Characteristics:	Pass Band	3920 - 4200 MHz
	Group delay variation within +/- 0.5 MHz	1.45 nSec Max
	Insertion Loss	1.3 dB Max
	Rejection at 3900 MHz	60 dB Min
	Return Loss	20 dB Min
	Rejection at 4230 MHz	25 dB Min
	Rejection at 3903 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 (3820 MHz) rejection: 70 dB min
F1 (3900 MHz) rejection: 60 dB min
F2 (3903 MHz) rejection: 50 dB min
F3 (3920 MHz) passband start
F4 (4200 MHz) passband end
F5 (4230 MHz) rejection: 25 dB min

