



C-Band Single Transponder Bandpass Filter

Model 17600-(Fo)

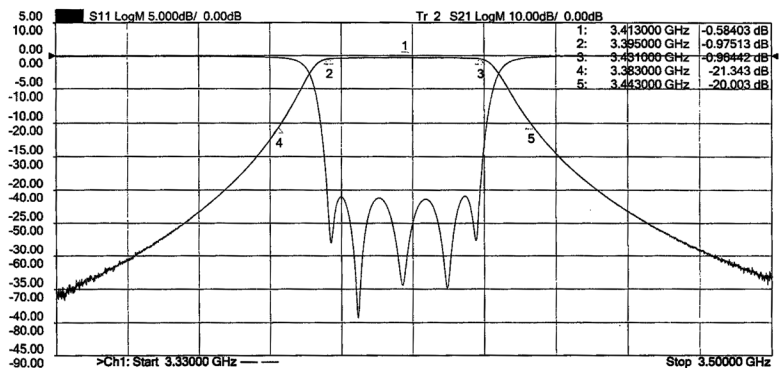
This narrow band bandpass filter prevents undesired signals operating within the C-band from interfering with C-band single transponder reception that wider, full band bandpass filters cannot prevent.

Example :

WiMAX transmitting at 3710 MHz interferes with transponder 2 (3722-3758 MHz).

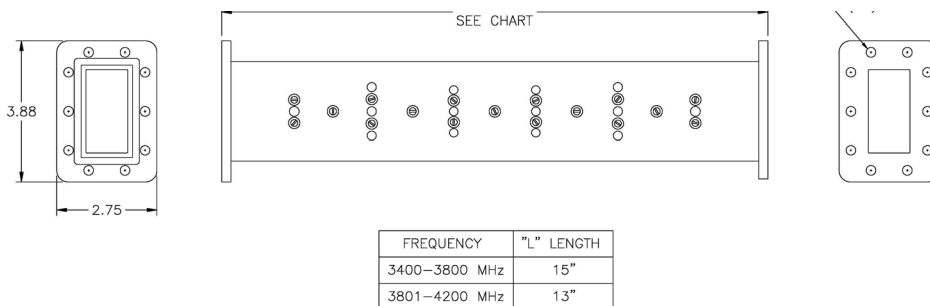
A full band bandpass filter would receive all frequencies between (3700-4200) MHz - including that undesired WiMAX signal, while a narrow band model **17600-3740** filter - receiving only transponder 2 - would typically provide 20dB rejection of that same WiMax signal.

- Available for all Standard, Extended and Super-Extended C-Band transponders.
- Alternate Flange Configurations are available upon request.



Specifications:

Center Frequency (Fo) Option:	3400-4200 MHz
Passband:	Fo \pm 18 MHz
Passband Loss:	1.0 dB Max
VSWR:	1.5:1 Max
Rejection:	20 dB Typ. \pm 30 MHz from Fo
Flanges:	CPR229G (Input) CPR229F (Output)
Dimensions:	Per drawings below
Finish:	Gray Lacquer
Weatherized for Outdoor Use	



MICROWAVE FILTER CO., INC.



Esatcom Inc.
www.esatcom.com

Tel:
718.799.0084

Email:
sales@esatcom.com