



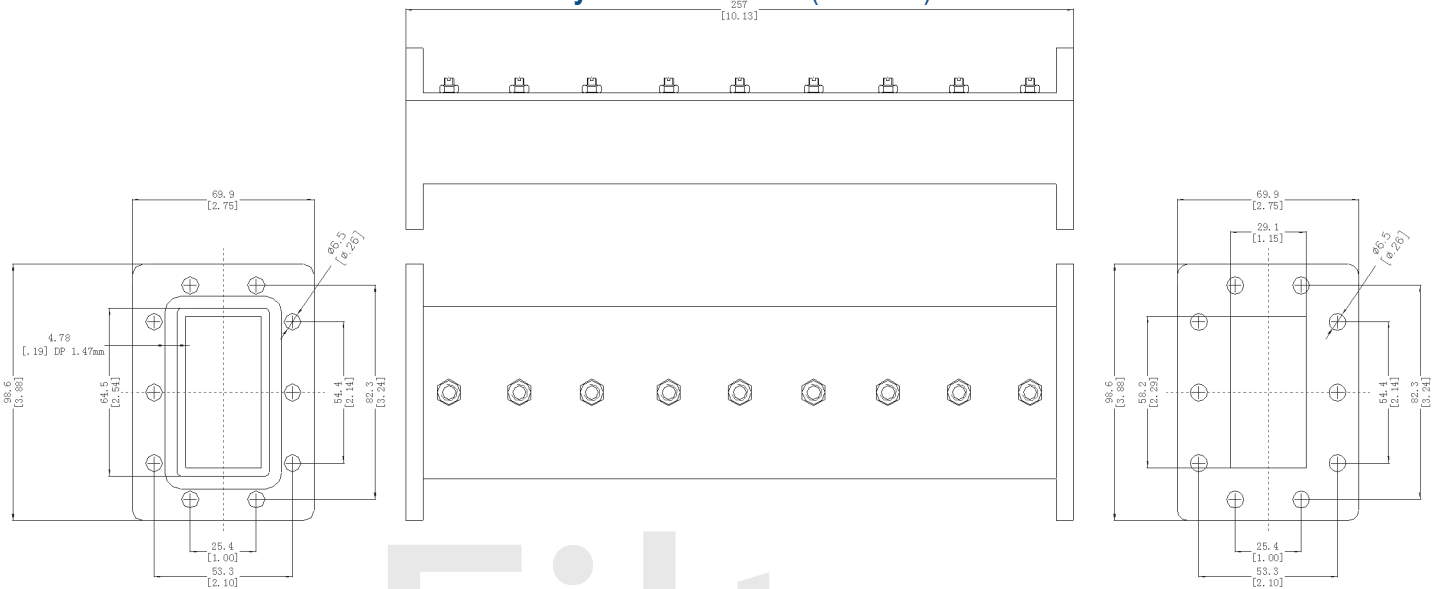
Model Number:
F-WGBPC1-7107

RF Components

C-Band Waveguide Bandpass Filter

3717.5 - 3722.5 MHz

Physical Dimensions ($\pm 0.3\text{mm}$)



Filter

RF Parameters	
F-WGBPC1-7107	CGCF
Waveguide Size	WG11A / WR229 / R40
Frequency Range (MHz)	3717.5-3722.5
Input Connectors	CPR229G
Output Connectors	CPR229F
Insertion Loss (dB max)	1.1
Return Loss (dB min)	14
Rejection	$\geq 15\text{dB}@3500\text{-}3600\text{MHz}$ $\geq 20\text{dB}@3600\text{-}3700\text{MHz}$ $\geq 20\text{dB}@3752\text{-}3800\text{MHz}$
Max RF Power (W)	200

Environmental	
Operating Temperature	-0°C to +50°C
Storage Temperature	-55°C to +85°C
Location	For Indoor use
Altitude:	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Humidity:	95%RH at 40°C
Shock:	20G for 11msec half sine wave, 3 axis both directions

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

