



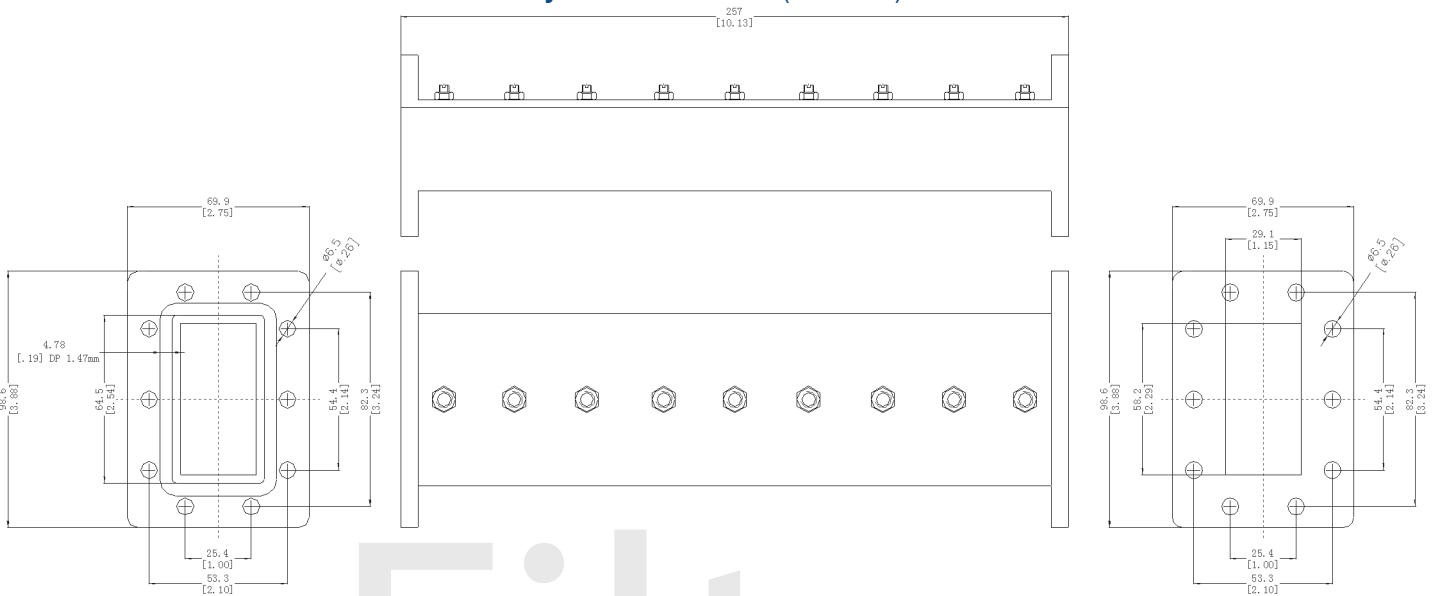
Model Number:  
**F-WGBPC1-7108**

RF Components

# C-Band Waveguide Bandpass Filter

3722.5 - 2727.5 MHz

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



# Filter

RF Parameters	
F-WGBPC1-7108	CGCF
Waveguide Size	WG11A / WR229 / R40
Frequency Range (MHz)	3722.5-3727.5
Input Connectors	CPR229G
Output Connectors	CPR229F
Insertion Loss (dB max)	1.1
Return Loss (dB min)	14
Rejection	≥15dB@3500-3600MHz ≥20dB@3600-3700MHz ≥20dB@3752-3800MHz
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

