

Features:

- Low Insertion Loss
- High Attenuation
- Compact Size
- CPR-229 Grooved / Flat Flange

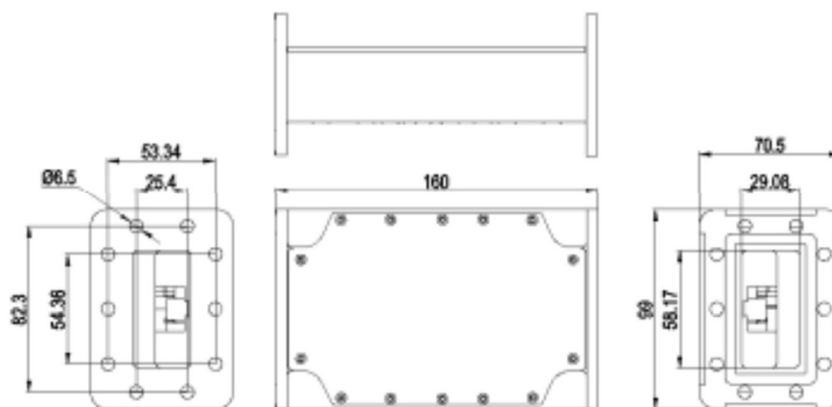
Description:

Waveguide 4 GHz bandpass filter developed for Global C-Band Satellite Protection

Electrical Specifications:

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	3950
Passband	MHz	3700 ~ 4200 min.
Passband Insertion Loss	dB	0.5 max. @ 3735 to 4180 MHz
		1.5 max @ 3700 and 4200 MHz
Passband Return Loss	dB	17 min.
Rejection	dB	60 min @ 3300 to 3670 MHz
		30 min @ 4230 and higher
Group Delay Variation Within $\pm 0.5$ MHz	ns	3 max.
Average Power	W	100 max.
In / Out connection	-	CPR-229G / CPR-229F
Operating Temperature Range	$^{\circ}\text{C}$	-30 to +60
Dimensions (including flanges)	mm	160 x 99 x 70.5 (L x W x H)
Weight	kg	0.7
Sealing (mated)	-	IP67
RoHS	-	Yes

Mechanical Drawing:



Electrical Response:

