

# C-Band Filter

## 3700-4200MHz

- ◆ Pass band: 3700-4200MHz
- ◆ Suitable for indoor and outdoor applications
- ◆ Plane mounting
- ◆ Connector Type: Flange
- ◆ High stopband rejection



### Technical Data

#### Electrical Specifications

Type No.	HN-CBPF-3
Frequency Band (MHz)	3700-4200
Insertion Loss (dB)(Full temperature,Outcluding connectors)	$\leq 1.4@3700\text{MHz}, \leq 0.6@4200\text{MHz}, \leq 0.3@3800,3900,4000,4100\text{MHz}$
Rejection (dB)	$\geq 50@3680\text{MHz}, \geq 55@3660\text{MHz}, \geq 60@3640\text{MHz}, \geq 60@3600\text{MHz}, \geq 70@3580\text{MHz}, \geq 70@3580-3400\text{MHz}, \geq 20@4250\text{MHz}$
Return Loss (dB)	$\geq 16$
Input Power (W)	$< 100$
Impedance ( $\Omega$ )	50

#### Mechanical Specifications

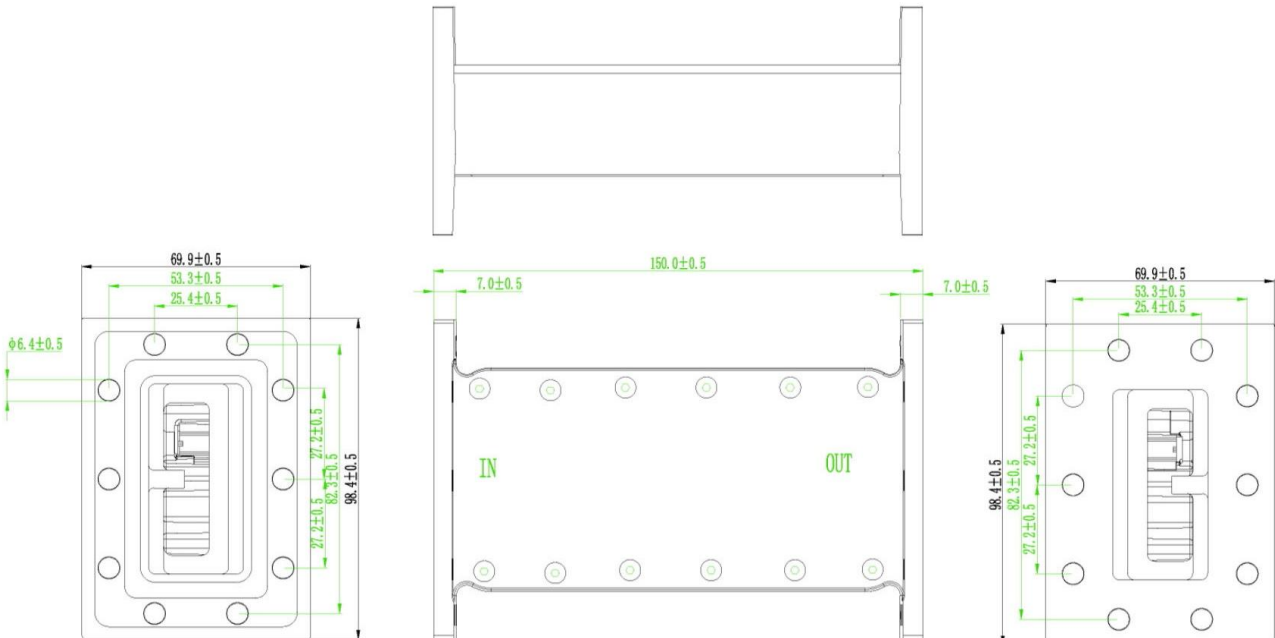
Dimensions, HxWxD(excluding connectors and mounting bracket)(mm)	150x98.4x69.9
Weight (including connectors and mounting bracket) (kg)	0.76
Packing Size(mm)	220x170x130
Connector Type	CPR-229G(input),CPR-229F(output)
Color	Apple White
Mounting	Plane mounting

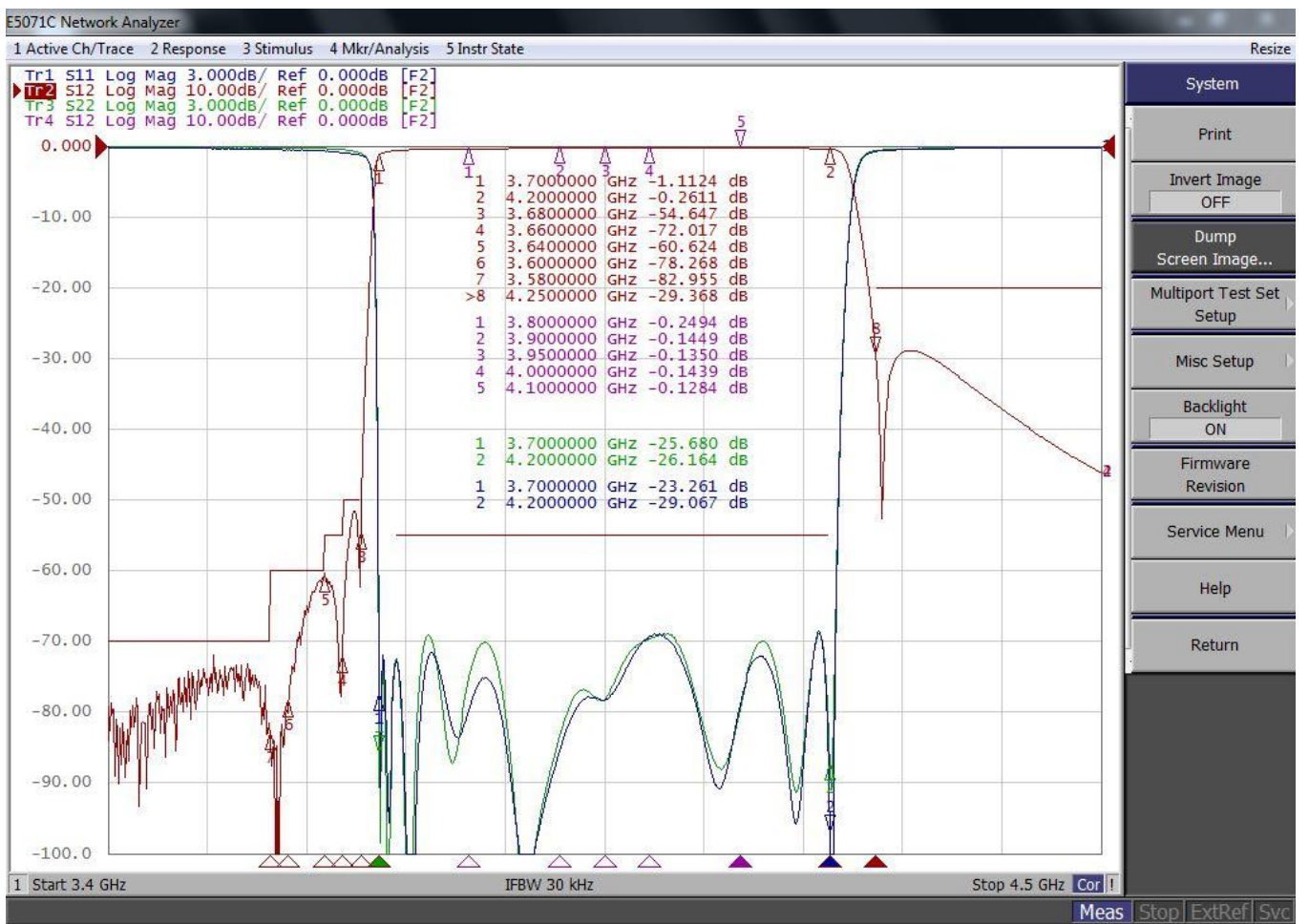
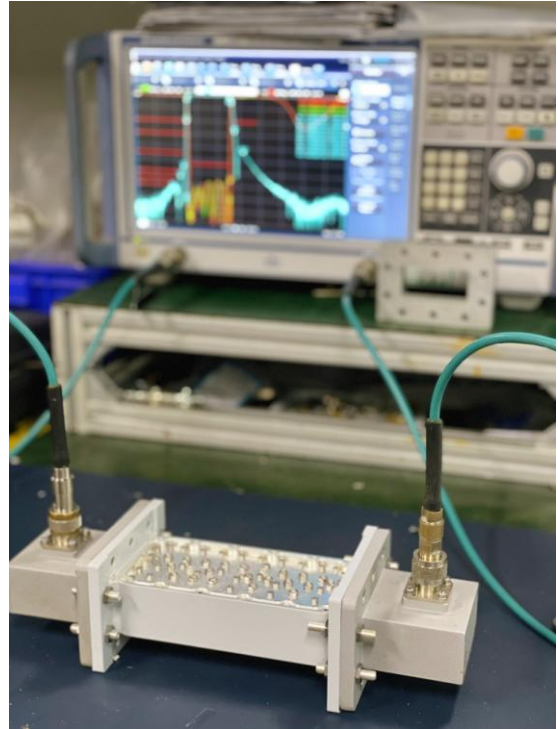
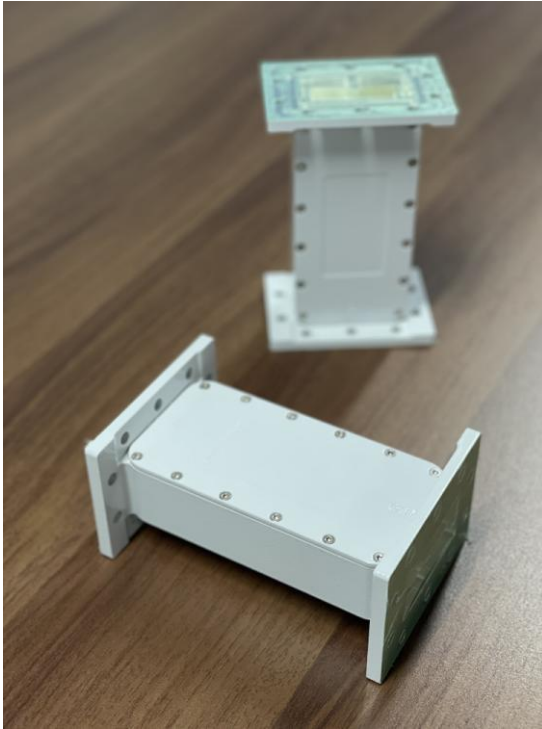
#### Environmental Specifications

Operational Temperature ( $^{\circ}\text{C}$ )	-40 to +65
Operational Humidity (%)	$\leq 95$
Ingress Protection Class	IP66(Indoor and Outdoor)

#### Accessories(order separately)

Type No.	Description
Bolt M6*25	20PCS
Rectangular waterproofing ring	1PCS





### Test report certificate