

C-BAND EXTREME BAND PASS FILTER

3700-4200MHz

Introducing our cutting-edge solution: the C-Band Extreme Band Pass Filter.

Designed to combat terrestrial interference, including disruptive signals from 5G, Radar, and C-Band transmitters, this filter ensures pristine reception for critical communication needs. With a narrow guard band of less than 20 MHz, it sets a new standard in signal purity. Seamlessly integrated and easily installed between the feed and LNB, it's an essential addition to any C-Band satellite setup.



Electrical Specifications

Part No.	GDI-BPF60
Frequency Band (MHz)	3700-4200
Insertion Loss (dB)	$\leq 0.4@3700\text{MHz}, \leq 0.2@4200\text{MHz}, \leq 0.1@3800, 3900, 4000, 4100\text{MHz}$
Rejection (dB)	$\geq 1@3680\text{MHz}, \geq 11@3660\text{MHz}, \geq 40@3620\text{MHz}, \geq 63 @3570\text{MHz}, \geq 62@3570-3400\text{MHz}, \geq 2@4250\text{MHz}$
Return Loss (dB)	≥ 16
Input Power (W)	< 100
Impedance (Ω)	50

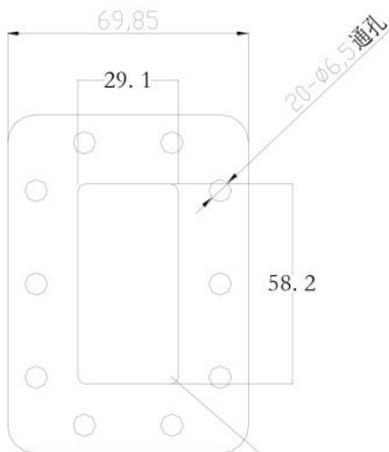
Mechanical Specifications

Dimensions, HxWxD (mm)	112x98.6x69.85
Weight (+ connectors and mounting bracket) (kg)	0.635
Packing Size (mm)	148x126x100
Connector Type (Grooved)	CPR-229G(input), CPR-229F(output)
Color	Apple White
Mounting	Standard Mounting

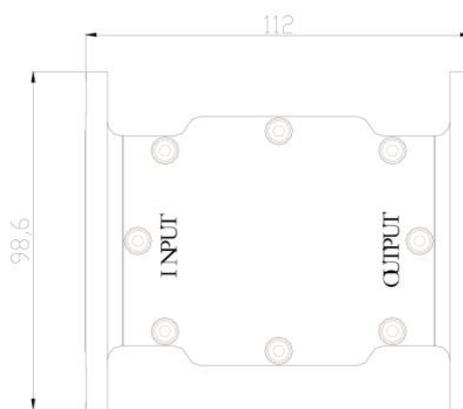


- ☑ HS Code 8517700000
- ☑ Moisture resistant (IP66)
- ☑ Design in USA

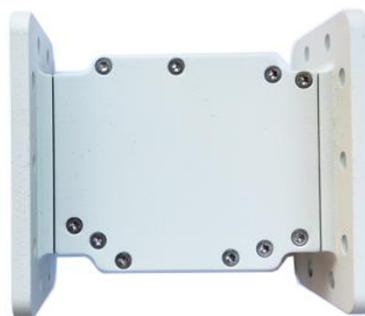
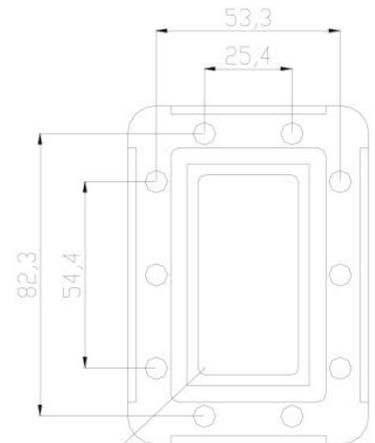
Environmental Specifications	
Operational Temperature (°C)	-40 to +65
Operational Humidity (%)	≤95
Ingress Protection Class	IP66(Indoor and Outdoor)
Accessories(order separately)	
Type No.	Description
Bolt M6*25	20PCS
Rectangular waterproof ring	1PCS

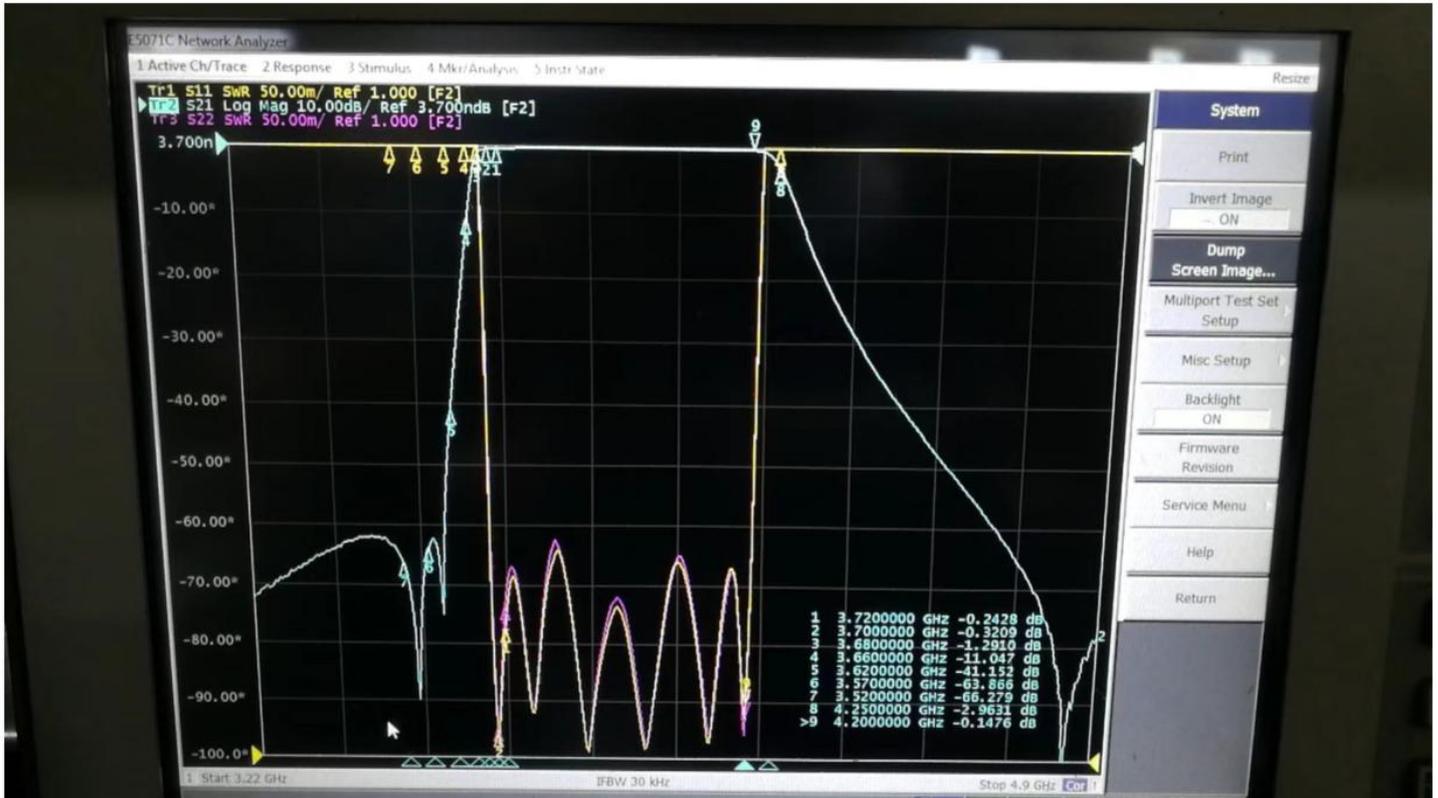


CPR-229FΩ ß /



CPR-229GΩ ß /





Test report cert