

# UHF 60W Bandpass Filter

# Product Specifications

BPF-6-U-60-NF

Part Number: 202600.01



## Main Features

- 6-Pole
- 40mm Cavity Size
- Double Cross Coupling
- 18MHz bandwidth Tunability
- Temperature Stabilization
- Output Monitor Probe

## Electrical Specifications

Frequency Range	470-806MHz		
Adjusting Data	DVB-T/T2	ATSC 1.0/3.0	ISDB-T
Insertion Loss	f(0):≤0.7dB	f(0):≤0.9dB	f(0):≤0.95dB
	f(0)±3.8MHz:≤1.75dB	f(0)±2.7MHz:≤1.45dB	f(0)±2.79MHz:≤2.05dB
	f(0)±3.9MHz:≤2.15dB	f(0)±2.93MHz:≤1.6dB	
Attenuation	f(0)±4.2MHz:≥3dB	f(0)±3.5MHz:≥3dB	f(0)±3.15MHz:≥6dB
	f(0)±6.MHz:≥20dB	f(0)±6.MHz:≥30dB	f(0)±4.5MHz:≥22dB
	f(0)±12MHz:≥41dB	f(0)±9MHz:≥50dB	f(0)±9MHz:≥47dB
Harmonic Attenuation	≥80dB	≥80dB	≥80dB
Return Loss / VSWR	≤-23dB/1.15	≤-23dB/1.15	≤-23dB/1.15
Temperature Stability	≤2kHz/K		
Max Power Output	60W		
Directional Coupler			
Coupling	50±0.8dB		
Directivity	≥23dB		
VSWR	≤1.2		
Impedance	50Ω		

## Environmental Specifications

Operating temperature range	-10°C to +55°C
Max Operating Temperature (Body)	65°C
Relative humidity	5% - 95%
Barometric pressure	55KPa -106KPa

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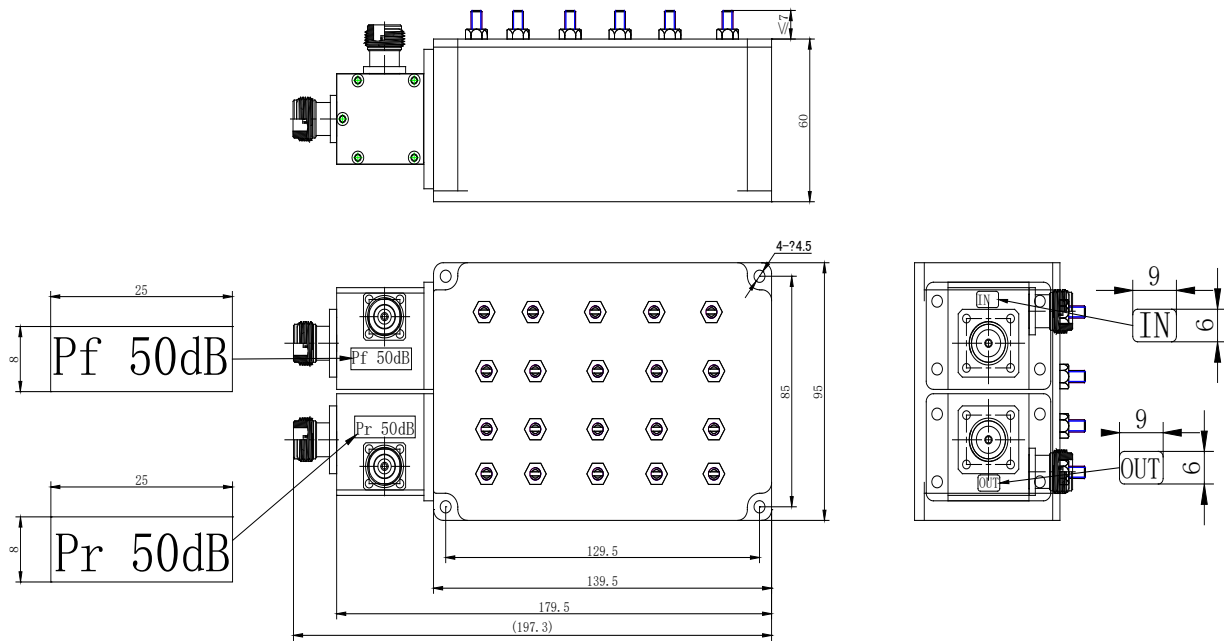
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## Mechanical Specifications

Connectors: Input; Output	N female
Output Monitor Probe	SMA female
Weight	1kg
Outer Dimension(mm)	197.3*95*67mm
Mounting	Wall or pole
Packing	1Pce in box



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