

UHF 700W Bandpass Filter

Product Specifications

BPF-6-VIII-700-DF / 78 / 158

Part Number: 202653.01 / 202654.01 / 202655.01



Main Features

- 6 Pole
- 100mm Cavity Size
- Double Cross Coupling
- Tunable Across Band
- Temperature Stabilization
- Output Monitor Probe

Electrical Specifications

Frequency range	174-240MHz
Insertion Loss	$f(0) \leq 0.5\text{dB}$
	$f(0) \pm 3\text{MHz} \leq 0.9\text{dB}$
Attenuation	$f(0) \pm 4\text{MHz} \geq 2.0\text{dB}$
	$f(0) \pm 4.5\text{MHz} \geq 11.7\text{dB}$
	$f(0) \pm 5\text{MHz} \geq 18\text{dB}$
	$f(0) \pm 6.\text{MHz} \geq 30\text{dB}$
	$f(0) \pm 9\text{MHz} \geq 52\text{dB}$
Harmonic Attenuation	$\geq 36\text{dB}$ up to 500MHz
Return loss / VSWR	$\leq 23\text{dB}/1.15$
Group delay variation	$< 250\text{ns}$
Temperature Stability	$< 2\text{kHz/K}$
Max Power Output	1.3K W
Impedance	50 Ω

Environmental Specifications

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

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300 Knightsbridge Parkway | Suite 150 | Lincolnshire | IL | 60069

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Mechanical Specifications

Connectors (Input / Output)	DIN female	202653.01
	7/8" EIA	202654.01
	1 5/8" EIA	202655.01
Output Monitor Probe	N female	
Weight	20kg	
Outer Dimension (mm)	368 * 272 * 581.5mm	
Mounting	Wall	
Packing	1 Piece per box	

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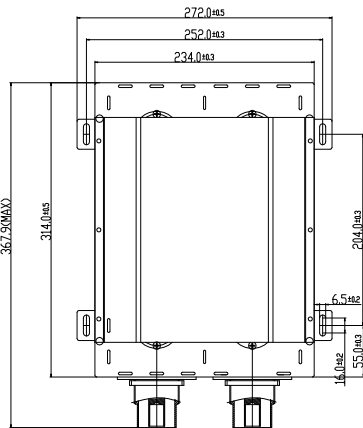
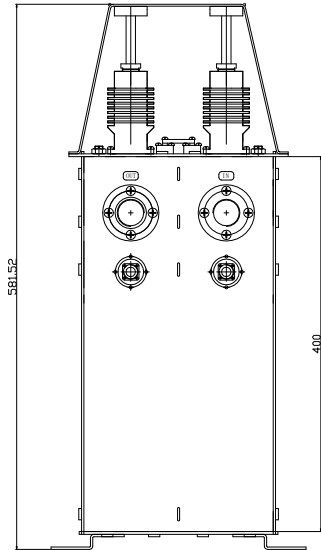
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