

# UHF 1.3kW Bandpass Filter

## Product Specifications

BPF-8-VIII-1K3-DF / 78 / 158

Part Number: 202674.01 / 202675.01 / 202676.01



### Main Features

- 8 Pole
- 150mm Cavity Size
- Double Cross Coupling
- Tunable Across Band
- Temperature Stabilization
- Output Monitor Probe

### Electrical Specifications

Frequency range	174-240MHz
Insertion Loss	$f(0) \leq 0.6\text{dB}$
	$f(0) \pm 3\text{MHz} \leq 1.3\text{dB}$
Attenuation	$f(0) \pm 4\text{MHz} \geq 10\text{dB}$
	$f(0) \pm 4.5\text{MHz} \geq 18\text{dB}$
	$f(0) \pm 5\text{MHz} \geq 25\text{dB}$
	$f(0) \pm 6.\text{MHz} \geq 45\text{dB}$
	$f(0) \pm 9\text{MHz} \geq 63\text{dB}$
Harmonic Attenuation	$\geq 36\text{dB}$ up to 500GHz
Return loss / VSWR	$\leq 23\text{dB}/1.15$
Group delay variation	$< 600\text{ns}$
Temperature Stability	$< 2\text{kHz/K}$
Max Power Output	1.3K W
Impedance	50 $\Omega$

### 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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### Mechanical Specifications

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Connectors (Input / Output)	DIN female	202674.01
	7/8" EIA	202675.01
	1 5/8" EIA	202676.01
Output Monitor Probe	N female	
Weight	35kg	
Outer Dimension (mm)	655.4 * 378.5 * 612mm	
Mounting	Wall	
Packing	1 Piece per box	

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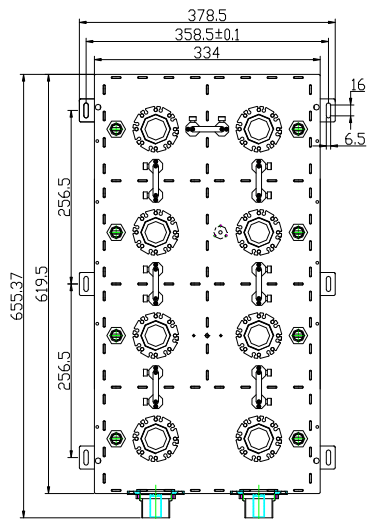
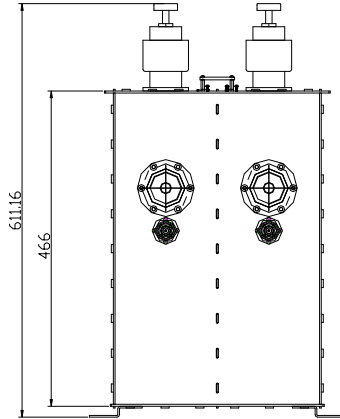
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