

UHF 700W Bandpass Filter

Product Specifications

BPF-8-VIII-700-DF / 78 / 158

Part Number: 202671.01 / 202672.01 / 202673.01



Main Features

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

Electrical Specifications

Frequency range	174-240MHz
Insertion Loss	$f(0) \leq 0.7\text{dB}$
	$f(0) \pm 3\text{MHz} \leq 1.4\text{dB}$
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	700 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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Mechanical Specifications

Connectors (Input / Output)	DIN female	202671.01
	7/8" EIA	202672.01
	1 5/8" EIA	202673.01
Output Monitor Probe	N female	
Weight	28kg	
Outer Dimension (mm)	452.8 * 272 * 591.5mm	
Mounting	Wall	
Packing	1 Piece per box	

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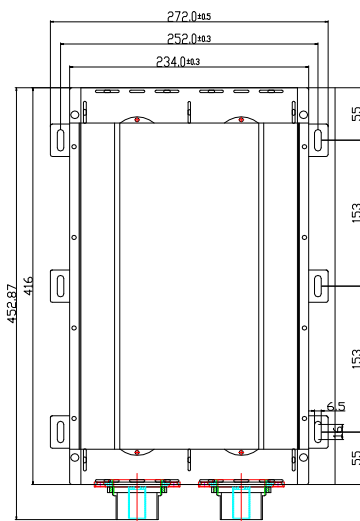
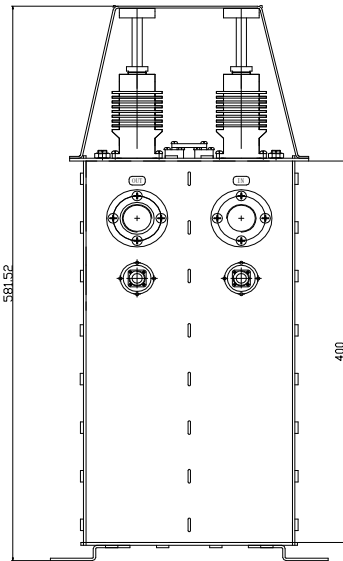
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