



Main Features

- 8 Pole
- 220mm Cavity Size
- Double Cross Coupling
- Tunable Across Band
- 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	$f(0) \leq 0.45\text{dB}$	$f(0) \leq 0.55\text{dB}$	$f(0) \leq 0.65\text{dB}$
	$f(0) \pm 3.8\text{MHz} \leq 1.1\text{dB}$	$f(0) \pm 2.7\text{MHz} \leq 0.7\text{dB}$	$f(0) \pm 2.79\text{MHz} \leq 1.15\text{dB}$
	$f(0) \pm 3.9\text{MHz} \leq 1.3\text{dB}$	$f(0) \pm 2.93\text{MHz} \leq 0.9\text{dB}$	
Attenuation	$f(0) \pm 4.2\text{MHz} \geq 4\text{dB}$	$f(0) \pm 3.5\text{MHz} \geq 10\text{dB}$	$f(0) \pm 3.15\text{MHz} \geq 7\text{dB}$
	$f(0) \pm 6.\text{MHz} \geq 30\text{dB}$	$f(0) \pm 6.\text{MHz} \geq 45\text{dB}$	$f(0) \pm 4.5\text{MHz} \geq 31\text{dB}$
	$f(0) \pm 12\text{MHz} \geq 51\text{dB}$	$f(0) \pm 9\text{MHz} \geq 63\text{dB}$	$f(0) \pm 9\text{MHz} \geq 61\text{dB}$
Harmonic Attenuation	$\geq 50\text{dB}$ up to 1.2GHz	$\geq 50\text{dB}$ up to 1.2GHz	$\geq 50\text{dB}$ up to 1.2GHz
Return loss / VSWR	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$
Group delay variation	$< 500\text{ns}$	$< 300\text{ns}$	$< 550\text{ns}$
Temperature Stability	$< 1\text{kHz/K}$		
Max Power Output	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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UHF 3kW Bandpass Filter

Product Specifications

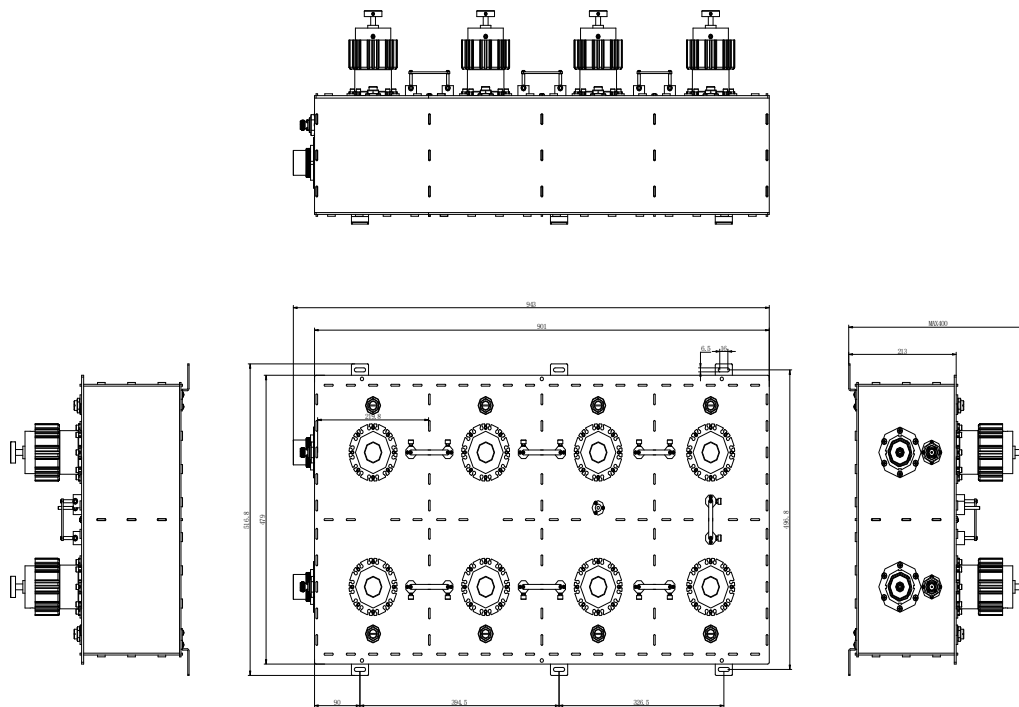
BPF-8-U-3K-DF / 78 / 158

Part Number: 202640.01 / 202641.01 / 202642.01



Mechanical Specifications

Connectors (Input / Output)	DIN female	202640.01
	7/8" EIA	202641.01
	1 5/8" EIA	202642.01
Output Monitor Probe	N female	
Weight	34kg	
Outer Dimension (mm)	901 * 496.8 * 400mm	
Mounting	Wall	
Packing	1 Piece per box	



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