

KS4198-OEM

7.5-13 GHz 100 Watt *Spatium*[™] Power Amplifier

Performance Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency	GHz	7.5		13
Gain	dB	16	19	
vs. Freq.	±dB		1	1.5
vs. Temp.	±dB		1	
VSWR (In)			2.0:1	
VSWR (Out)			2.0:1	
Noise Figure	dB		10	12

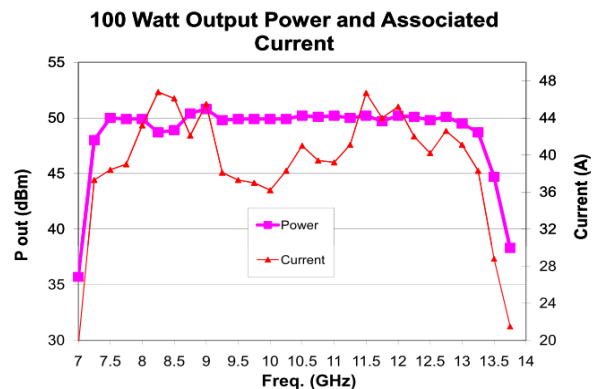
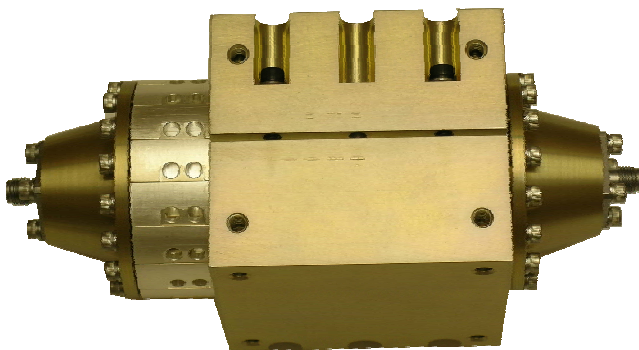
Parameter	Units	Min.	Typ.	Max.
RF Power				
Sat.	Watts	80	100	
P-1dB	Watts		80	
Efficiency	%		20	
Spurious	dBc		-60	
DC Volts	V		12	
DC Current	A		44	

Physical

Dimensions	5.7"x2.4"x2.4"
RF Connectors	SMA(F) In/Out
DC Connector	
Supply and I/O Board	+12.0 VDC (DC Supply) DC Return Fault Monitor

Environmental

Temp. Operating	-40° to +70°C Case
Temp. Storage	-40° to +85°C
Cooling	Conduction
Mounting	#8-32 Machine Screws



Creative Amplification Products

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990105-00 Rev. A

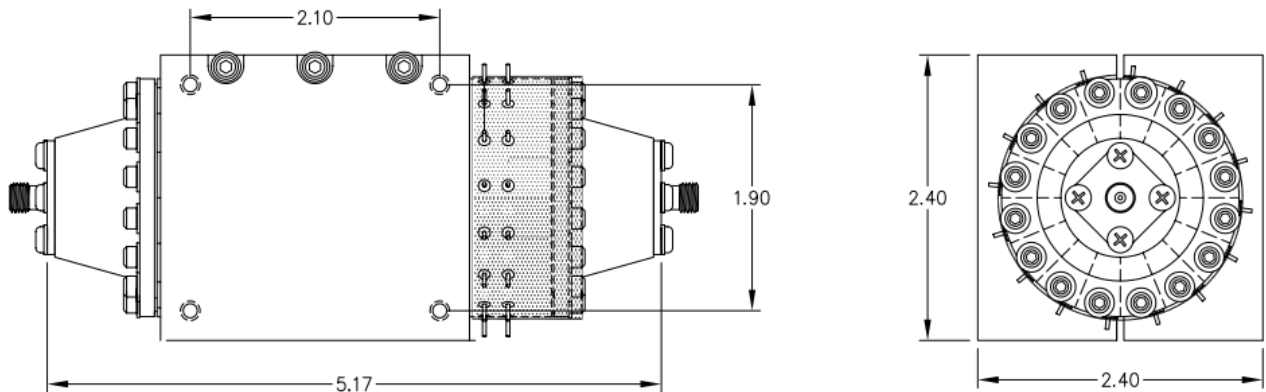
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 CAP Wireless, Inc.

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7.5-13 GHz 100 Watt *Spatium™* Power Amplifier



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990105-00 Rev. A

Detail Page 2

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