

KS1198-OEM

13.75-14.5 GHz 80 Watt *Spatium*[™] Power Amplifier

Performance Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency	GHz	13.75		14.5
Gain	dB	15	16	
vs. Freq.	±dB		1	
vs. Temp.	±dB		1	
VSWR (In)			2.0:1	
VSWR (Out)			2.0:1	
Noise Figure	dB		10	12

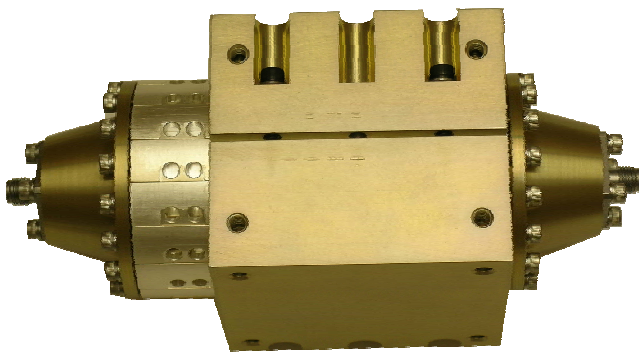
Parameter	Units	Min.	Typ.	Max.
RF Power				
Sat.	Watts	80	100	
P-1dB	Watts		80	
Efficiency	%		20	
Spurious	dBc		-60	
DC Voltage	V		7.5	
DC Current	A		72	

Physical

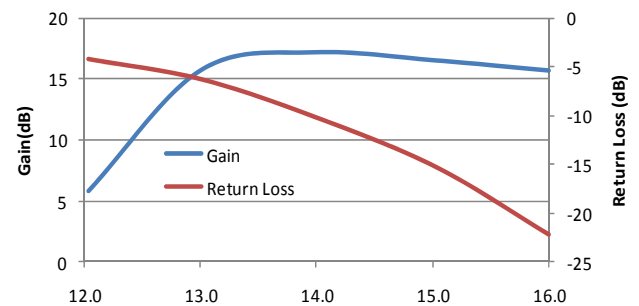
Dimensions	5.7"x2.4"x2.4"
RF Connectors	SMA(F) In/Out
DC Connector	
Supply and I/O Board	+7.5VDC (DC Supply) DC Return Fault Monitor

Environmental

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



Gain and Return Loss



Creative Amplification Products

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990103-00 Rev. A

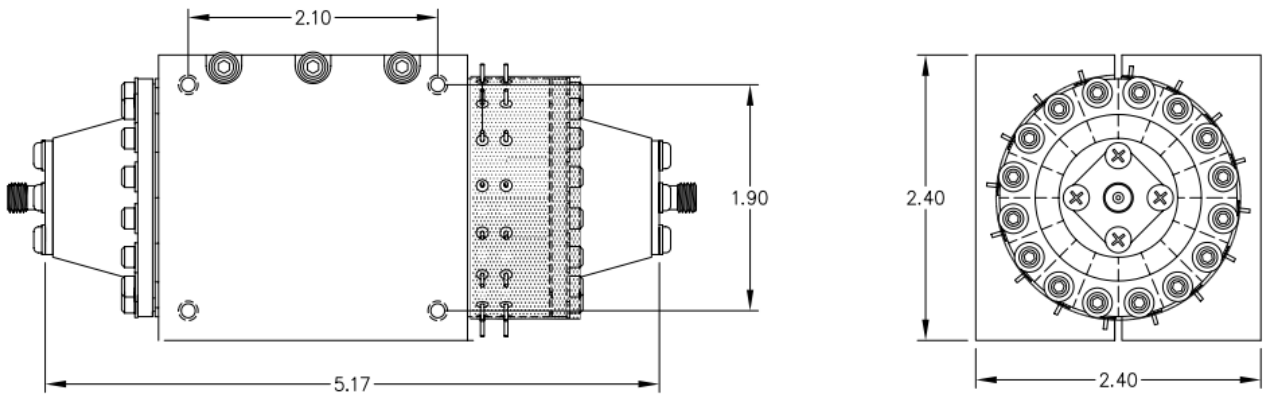
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 CAP Wireless, Inc.

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Detail Page 2

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