

10 MHz Distribution Amplifier

DAMP-1 Rev 1.1

The DAMP-01 module, a member of the VK4AMG 10MHz Reference family, provides distribution of one 10MHz Reference to up to five outputs.

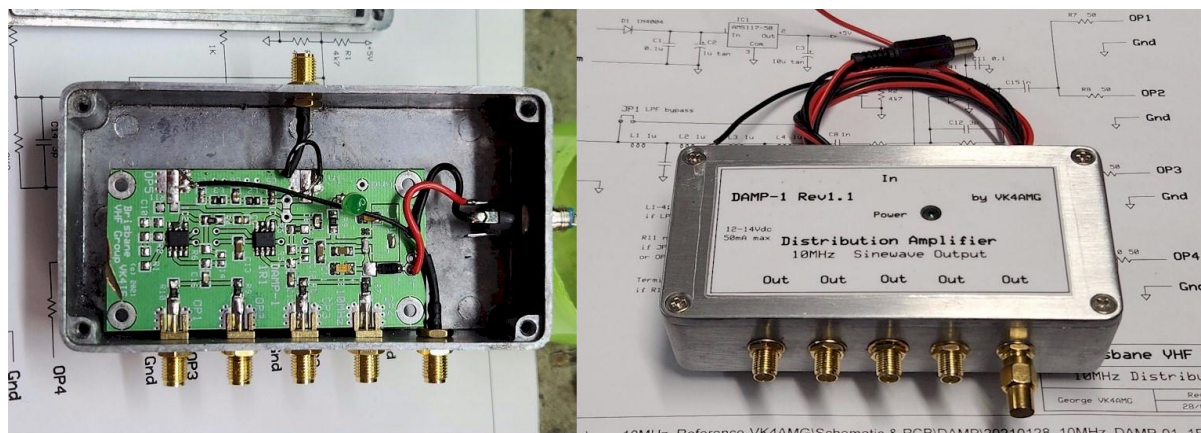
The module, a linear unity gain amplifier, provides sinewave 10MHz outputs up to +10dBm.

Although the input may be sine or square wave, a low pass filter provides sinewave to all outputs.

Power supply is 10 to 14 dc at less than 100mA.

Four outputs are provided along one edge of the module PCB and may be fitted with SMA connectors. The input and an optional 5th output is available on the other edge of the PCB. SMA connectors may be fitted to this edge or SMA fly leads may be used when the board is fitted into an enclosure.

The module is available as a PCB module. A diecast aluminium enclosure is available as an option.



Specification

Module	DAMP-1	1R1
Frequency	10 MHz	
Waveform	Sine	Square or sine input
Number of Outputs	4	SMA
	+1	Fly lead or SMA
Gain	Unity	Typically > 0.95
Output level	+10 dBm	10dBm input
Power Supply	10 to 14 Vdc	
Consumption	20 mA	@12V
Input Connector	SMA	PCB pads option
Output Connectors	SMA 4 off	PCB pads option
	PCB pad Optional 5 th	SMA flying lead (optional)
Power Connector	DC jack	Plug with red black
Indicators	Power LED	green
Enclosure (Option)	Diecast enclosure	Hammond 1590B
	111 x 60 x 30 mm	L x W x D

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