

# Low Noise Amplifiers



For use in receive antenna systems where single band low noise amplification is needed.

Broad band coverage 118MHz – 2400MHz models

GaAs Fet technology

Low noise

High dynamic range

Burnout protected

# VHF Low Noise Amplifier

## SPECIFICATIONS

Model No.:	4014
Frequency range: Specify f0	118 - 174 MHz
Gain setting:	+10 to +20 dB
Amplitude flatness $\pm 5$ MHz:	$\pm 1$ dB
Noise figure (@max gain setting):	<1dB
P1dB:	+15dBm
Output intercept point -2 <sup>nd</sup> order:	+29dBm
Output intercept point -3 <sup>rd</sup> order:	+19dBm
Output for rated OIPs:	+5dBm
SWR input/output (50 $\Omega$ ):	<2:1
Isolation -Output to input:	>25dB
Maximum input signal -CW:	0.5Watt
-Pulse:	5Watts @t < 10seconds
Power Supply: -DC power:	12Volt
Max power consumption: -DC power:	100mA
Connectors: -RF input/output -Power DC	N,BNC,TNC or UHF sockets Solder Feed through Terminal
Dimensions: -With:	152mm (6")
-Depth:	137mm (5.4")
-Height:	35mm (1.4")
Temperature: -Operating	0 to 70°C
-Storage	-20 to 90°C
Options:	5Volt 24 Volt Adjustable

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Comm-connect reserve the rights to amend prices and specifications without prior notice.

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