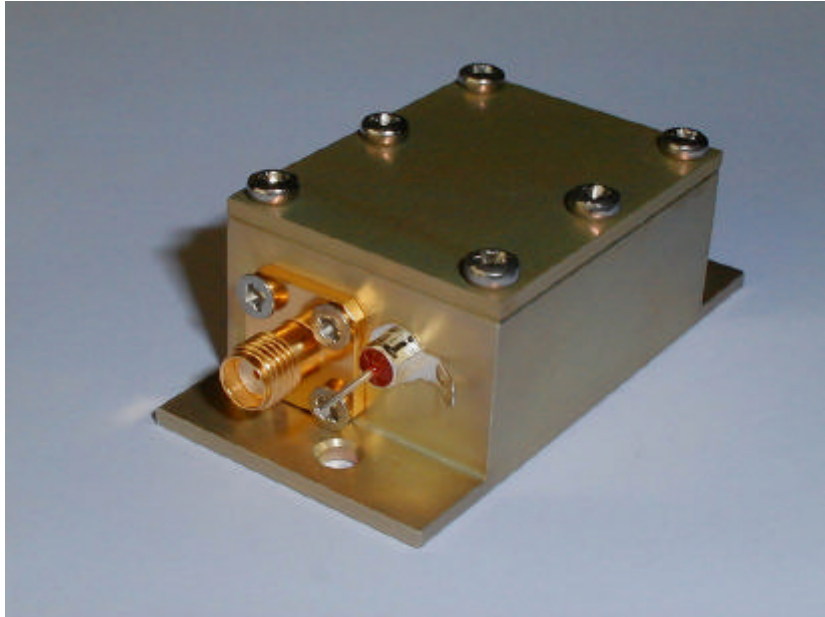


Low Noise Amplifiers



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

Broad band coverage 100MHz – 2500MHz models

GaAs Fet technology

Low noise

High dynamic range

Burnout protected

SPECIFICATIONS

Narrow band Low Noise Amplifier

Model No.:	4027
Frequency range:	100 - 2500 MHz
Gain:	10 - 30 dB
Bandwidth:	2 – 10 %
Noise figure (@max gain setting):	<1dB
P1dB:	+18dBm
Output intercept point -2 nd order:	+35dBm
Output intercept point -3 rd order:	+27dBm
Output for rated OIPs:	+3dBm
SWR input/output (50 Ω):	<1.5:1
Isolation -Output to input:	>20dB
Maximum input signal -CW:	0.1Watt
Power Supply: -DC power:	12 Volt
Max power consumption: -DC power:	60mA
Connectors: -RF input/output -Power DC	SMA sockets Solder Feed through Terminal
Dimensions: -With: -Depth: -Height:	30mm (1.2") 60mm (2.4") 22mm (0.9")
Temperature: -Operating -Storage	0 to 70°C -20 to 90°C
Options:	5Volt Supply 24 Volt Supply Input Protection Adjustable Gain

26.10.2004

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

COMM-connect
Sigerslevoestervej 11
DK-3600 Frederikssund
Denmark

Phone: +45 48 28 82 82
Fax.: +45 48 28 82 66

E-mail: sales@comm-connect.com
WEB: <http://www.comm-connect.com>

