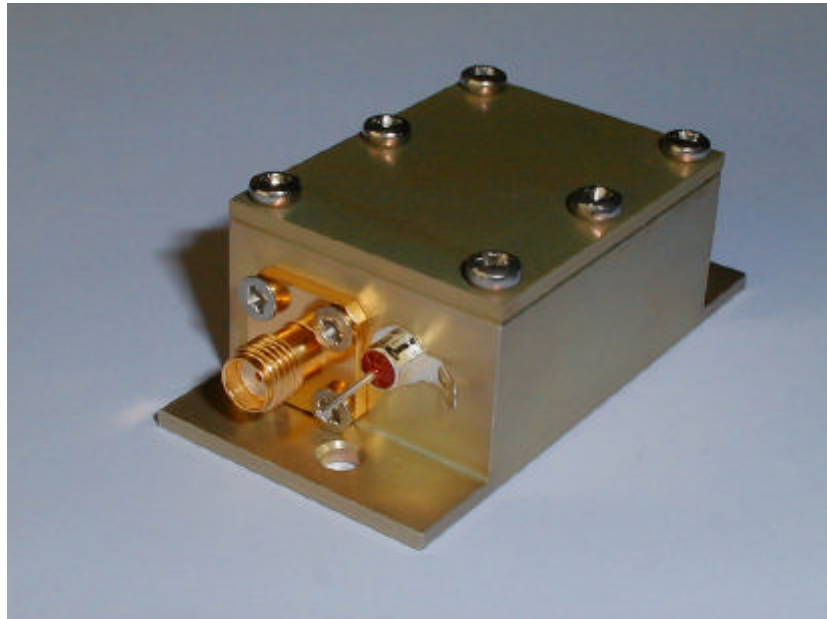


Low Noise Amplifiers

Model 4028

100MHz – 500MHz



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

Broad band coverage 0.1MHz – 4000MHz models

GaAs Fet technology

Low noise

High dynamic range

SPECIFICATIONS

Wide band Low Noise Amplifier

Model No.:	4028
Frequency range:	100 - 500 MHz
Gain:	20 dB
Amplitude flatness:	±1dB
Noise figure:	<0.8dB (typ. 0.5dB)
P1dB:	+17dBm
Output intercept point -2 nd order:	+39dBm
Output intercept point -3 rd order:	+32dBm
Output for rated OIPs:	+3dBm
SWR input/output (50 Ω):	<2:1 (typ. 1.5:1)
Isolation -Output to input:	>25dB
Maximum input signal -CW:	0.1Watt
Power Supply: -DC power:	5Volt
Max power consumption: -DC power:	75mA
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:	12Volt Supply 24 Volt Supply Input Protection

21.10.2004

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>

