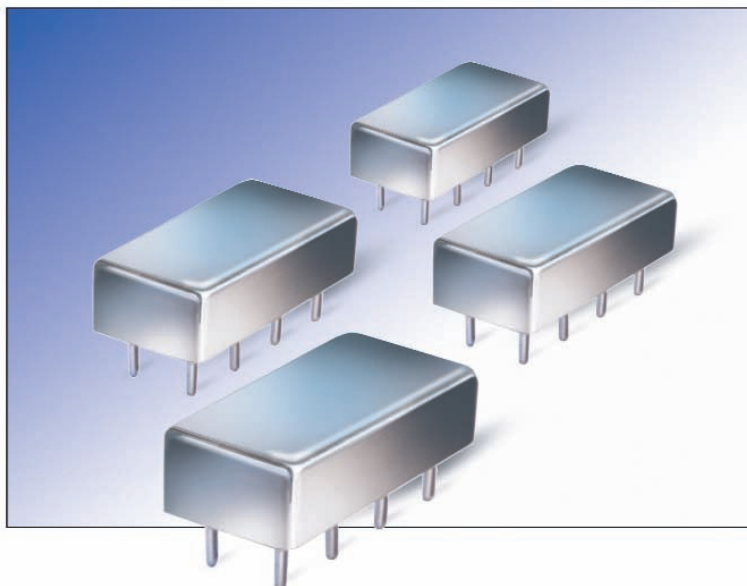


AMPLIFIERS

Designer's Kit K1-MAN

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
 THE SOLUTION!



0.5 to 1000MHz

MAN Features

- Wideband, 50 Ω
- Low noise figure
- Plug-in package
- Hermetically sealed
- Welded metal case
- Low cost

only \$68⁹⁵ ea. kit (4 models, 1 of each, 4 total)

Kit K1-MAN Electrical specifications of each model

Model	Frequency (MHz) f_L - f_U	Noise Figure (dB) Typ.	Gain (dB)			Maximum Power (dBm)		IP3 (dBm) Typ.	VSWR (:1) Typ.		DC Power	
			Min.	m	Flatness Max. Total Range	Output (1dB comp.)	Input (no damage)		In	Out	Volt (V) Nom.	Current (mA) Max.
MAN-1	0.5-500	4.5	28	—	± 1.4	+8	+15	—	1.8	1.8	12	60
MAN-1LN	0.5-500	3.0	28	± 0.5	± 1.4	+7*	+15	+18	1.8	1.8	12	60
MAN-1HLN	10-500	3.7	10	± 0.5	± 0.8	+15	+15	+30	1.8	1.8	12	70
MAN-2	0.5-1000	6.0	18	—	± 1.5	+9	+15	—	1.8	1.8	12	85

Protected under U.S. Patent 6,943,629

m = mid range [$2f_L$ to $f_U/2$]

*Below 5MHz, 1dB compression point decreases to 6.5dBm.

1. Open load is not recommended, potentially can cause damage.

With no load, derate max. input power by 20dB.



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

RF/IF MICROWAVE COMPONENTS

REV. OR
 M106033
 K1-MAN