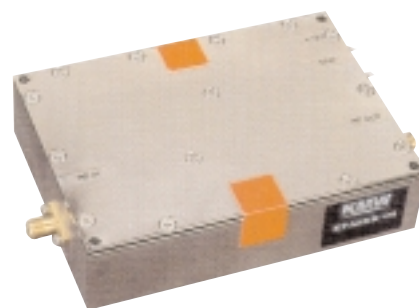


KAP02R131 model are particularly designed for PCS repeater application. These high performance products are characterized by 31 dB gain. The operational frequency ranges are 1,840~1,870 MHz for Tx side and 1,750~1,780 MHz for Rx side; other frequency bands are available upon request. Type N or SMA connectors are standard.



Ordering Information

Specify center frequency and bandwidth, gain, 1CP, IMD3 and I/O port connector types

Electrical Specifications

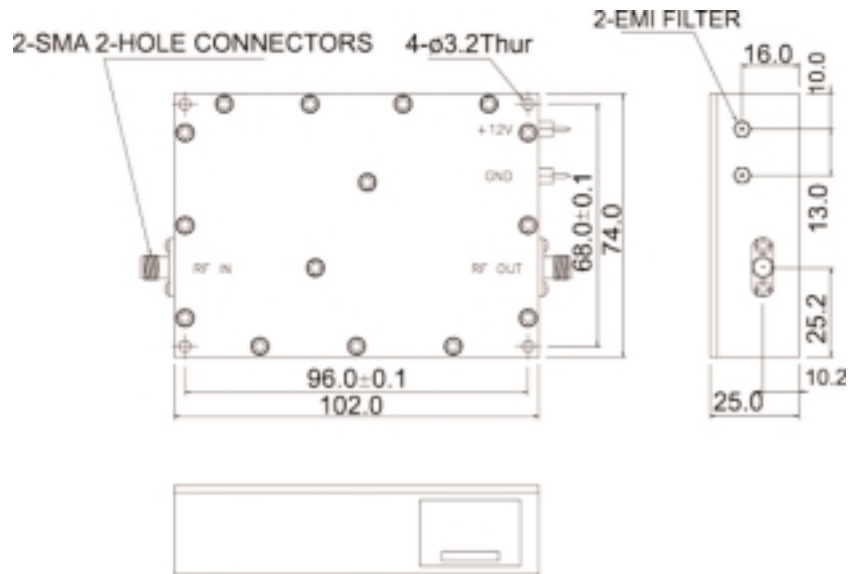
	KAP02R131-000	KAP02R131-001
Frequency Range (MHz)	1,840 ~ 1,870	1,750~1,780
1dB Compression Point	37 dBm	37 dBm
Gain	31 ± 1 dB	31 ± 1 dB
Gain Flatness	± 1.0 dB (max.)	± 1.0 dB (max.)
IMD3	-56 dBc (max.) @ 21 dBm / tone	-56 dBc (max.) @ 21 dBm / tone
VSWR(IN / OUT)	1.5 : 1 (max.)	1.5 : 1 (max.)
Noise Figure	5 dB (max.)	5 dB (max.)
Current Consumption	2 A (max.) @ +12 VDC	2 A (max.) @ +12 VDC
Operating Temperature	-30 °C ~ +60 °C -22 °F ~ +140 °F	-30 °C ~ +60 °C -22 °F ~ +140 °F

Mechanical Specifications

	KAP02R131-000	KAP02R131-001
Dimensions (W*H*D) (mm)	102.0*74.0*25.0	102.0*74.0*25.0
(inch)	4.02*2.91*0.98	4.02*2.91*0.98
I/O Port Connectors	SMA(F), 2 holes	SMA(F), 2 holes

KAP02R131-000

Unit : mm



KAP02R131-001

