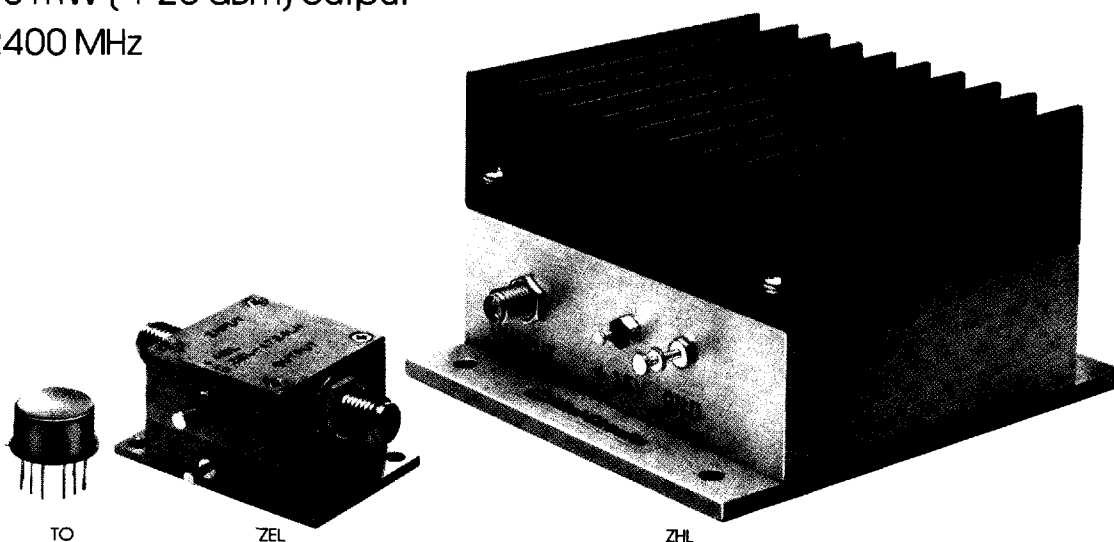


50 ohms

 **Mini-Circuits**
B-74-09-51
T-74-09-01

up to 400 mW (+26 dBm) output
800 to 2400 MHz



	MODEL NO.	FREQ. MHz f_L f_U	NF, dB Max.	GAIN, dB		MAXIMUM POWER, dBm		INTERCEPT PT., dBm IP3 Typ.	VSWR		DC POWER		PRICE \$ Qty. (1-9)	DISTRIBUTOR	
				Min.	Flatness Max.	Output 1 dB Comp.	Input no damage		In	Out	Volt. V	Current mA		FACTORY	LOCAL
TO case QQ 96	TO-0812LN	800-1200	1.6	20	± 1.0	+ 8	+13	+18	2.5:1	2.5:1	15	70	199.00	•	
	TO-1217LN	1200-1700	1.6	20	± 1.0	+10	+13	+25	2.5:1	2.5:1	15	70	199.00	•	
	TO-1724LN	1700-2400	1.6	20	± 1.0	+10	+13	+22	2.5:1	2.5:1	15	70	199.00	•	
ZEL case EEE 132	ZEL-0812LN	800-1200	1.5	20	± 1.0	+ 8	+13	+18	2.5:1	2.5:1	15	70	274.95	•	
	ZEL-1217LN	1200-1700	1.5	20	± 1.0	+10	+13	+25	2.5:1	2.5:1	15	70	274.95	•	
	ZEL-1724LN	1700-2400	1.5	20	± 1.0	+10	+13	+22	2.5:1	2.5:1	15	70	274.95	•	
ZHL case NN 92	ZHL-0812HLN	800-1200	1.5	30	± 1.0	+26	+40	+36	2.4:1	2.4:1	15	725	349.95	•	
	ZHL-1217HLN	1200-1700	1.5	30	± 1.0	+26	+40	+36	2.4:1	2.4:1	15	725	349.95	•	
	ZHL-1724HLN	1700-2400	1.5	30	± 1.0	+26	+40	+36	2.4:1	2.4:1	15	725	349.95	•	

features

- very low noise
- high dynamic range (ZHL-HLN series)
- ideal for printed-circuit designs (TO series)
- smooth response over entire band, no external resonance
- easy to use, 50 ohms input/output
- all models are cascable

NOTES:**ZEL & TO**

NF Max. at room temperature, increases to 2 dB typ. at +85°C.

ZHL Units

NF Max. at room temperature, increases to 2.3 dB max. at +65°C.

1. With no load output, derate max. input power (no damage) by 10 dB.
2. SMA connectors only, ZEL, ZHL units.
3. Absolute Maximum Ratings, see Environmental Specification page 3-13.
4. Prices and specifications subject to change without notice.

PIN CONFIGURATION

SERIES	TO
RF IN	5
RF OUT	11
DC	2
CASE GND	1,3,4,6,7 8,9,10,12

In Stock...Immediate Delivery

3-17