R&K-LA101-0S

Noise Figure  
@+25℃: 1.8dB (typ.)  
-20℃ to +60℃: 2.5dB (max.)

Frequency Range: 9kHz ~ 1000MHz

Output Power: +13dBm @500MHz

RoHS Compliance: 1.8dB (typ.)  
2.5dB (max.)

Frequency Range: 9kHz ~ 1000MHz

Small Signal Gain: +36dB (typ.) @500MHz

Gain Flatness:
-20dB (min.) @500MHz

Output Power @1dB Comp.: +13dBm (min.) @500MHz

Output I.C.P.: +25dBm (typ.) @500MHz

Impedance:
50Ω

Input VSWR: 2.0:1 (typ.)

Output VSWR: 2.0:1 (typ.)

DC Supply Input:
+12V ±1V

Maximum RF Input Power: -17dBm

Operating Temperature:
-20℃ to +60℃

Storage Temperature:
-20℃ to +80℃

Connectors (Standard):
SMA-FEMALE

Connectors (Option):
BNC-FEMALE

N-FEMALE

Weight (Standard): 120g (typ.)

HOW TO ORDER

Model Name
R&K-LA101-0S

S = SMA - FEMALE

B = BNC - FEMALE

N = N - FEMALE

TYPICAL PERFORMANCE

Noise Figure

Gain (dB)

Input / Output VSWR

Output Power 1dB Gain Comp.

Output Power 3dB Gain Comp.

Output Power (dBm)

Frequency (MHz)

Frequency (MHz)

Frequency (MHz)

Frequency (MHz)

Frequency (MHz)

Noise Figure