

# CI821

## 8.5 GHz to 9.6 GHz

DML (Densitron Microwave) Legacy Noise Sources

### Specifications

RF Frequency	8.5 GHz to 9.6 GHz
Noise Output	34.5 dB Min ENR
Noise Spectral Density ( $N_0$ )	-139.5 dBm/Hz Min
Flatness	1 dB P-P Max
VSWR	1.3:1 Max
Peak Factor	5:01
Bias Voltage	28 V
Supply Current	40 mA Max
Impedance	50 ohms

### Package and Connectivity

Construction	Coaxial
--------------	---------

### Environmental

Operating Temperature	-40 to 85 °C
Storage Temperature	-65 to 125 °C

### Notes



Microwave RF Components | Hudson, NH | (603) 546-4100 | [rf.mrcy.com](http://rf.mrcy.com)  
Specifications subject to change without notice