



The MA950/1.0/16OK-A is a Low Noise Amplifier, suitable for GSM, paging, and public safety applications. Its compact size makes it ideal for portable applications.



## Model: MA950/1.0/16OK-A

### 1. Electrical Characteristics

Item	Value	Note
Frequency Range	900 ~ 1000 MHz	
Gain	18 (Typ.)	
Gain Flatness	± 0.75 dB (Typ.)	Over Freq. Range
Noise Figure	0.8 dB (Typ.) 1.0 (Max.)	
1dB Compression	+16 dBm (Typ.)	
3rd. Order Intercept Point	+30 dBm (Typ.)	2 CW tones of +5 dBm at 1-MHz spacing
Input VSWR	1.5:1 (Typ.)	
Output VSWR	2:1 (Typ.)	
DC Input Voltage / Current	12 VDC / 0.07 A (Max.)	
Input / Output Impedance	50 Ω	
Max Input RF	+5 dBm	

### 2. Mechanical Characteristics

RF IN/OUT Connector	SMA 4 Holes – Female
DC Input	#8 Feed Thru
Dimension □	1.94" x 1.05" x 0.55"

### 3. Environment Characteristics

Operating Temperature	-20° C ~ +65°C
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### 4. Outline Drawing

