

# NOTE FOR NOTE, THESE SUPER DIVAS OUT-SING OTHER AMPLIFIERS... AND OVER A RANGE OF EIGHT OCTAVES!

**WE'RE TALKIN' A SUPER BROADBAND OF 20 TO 3000 MHz.  
DELIVERING HIGH-POWER OUTPUT WHILE PERFORMING ON  
LOW-POWER CONSUMPTION. BRAVO!**



1 Watt Model 9171

5 Watt Model 9165A  
with Fin Option  
package that is  
available on either  
model

PARAMETER	1 WATT MODEL 9171			5 WATT MODEL 9165A			UNITS	CONDITIONS
	MIN	TYP	MAX	MIN	TYP	MAX		
Operating Frequency	20		3000	20		3000		MHz
Gain	37	40	43	45	48	51		dB
P <sub>1dB</sub>	28.0	28.5		36.0	36.5			dBm
P <sub>5dB</sub>		30			37			dBm
IP <sub>3</sub> /IP <sub>2</sub>	40/50			46/60				dBm
Noise Figure		2.8	3.0		2.8	3.0		dB
In/Out VSWR			1.5:1/2:1			1.5:1/2:1		
Maximum Input			+18			+18		dBm
DC Power		500	600		725	800		mA
Operating Voltage		12			24			May Specify for 1 watt: 10V to 15V, 5 watt: 20V to 28V
Humidity	0		100	0		100		% Non-Condensing
Altitude	0		50,000	0		50,000		ft
Operating Temperature	-20		65	-20		65		°C
RF/DC Connectors	SMA/Pins							
Dimensions	2.212" x 1.625" x 0.565"						Inches	Fin Option height: 1 watt 1.313" 5 watt 1.813"

Common specifications to both models are in lighter type face.

By giving these two superstars the ability to deliver an extraordinary broad frequency range, Daico again goes center stage now with performers that cover the broad band with as many as eight octaves. High power output with low power consumption is part of their built-in repertoire.

Your designs will take the spotlight when you cast one of these divas in your next production. And, if your plans need range and power requirements to even reach further, call us and discuss the possibilities of how Daico can get you there. Daico is always ready to flex its muscles beyond convention.

**We make a world  
of difference**

ISO 9001:2000 CERTIFIED



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