

Amplifier Specification HD24853

Parameter		Units	Specification	Comments
Frequency Range		MHz	50-160	
Small Signal Gain		db	55typ.	
Gain Flatness (+/-)		db	.5db/40MHz	
Gain Flatness (+/-)		db	1.0	full band
Gain Stability (+/-)		db	.5db/24hours	at +/-10deg. Change
Noise Figure		db	2.5max	exception
Output Power (P1db)		dbm	27typ.	
Output Power (Sat)		dbm	30max.	
Spurious		dbc	-60	
IP3		dbm	35min.	
VSWR	Input	Ratio:1	1.8max.	1.5target
	Output	Ratio:1	1.8max.	1.5target
Impedence		ohm	50	
Input Power Handling		dbm	17	
Supply Voltage		Volts	+12	
Current		ma	475typ.	
Operating Temperature		deg C	-20 to +65	
Connector Type		In	SMA-F	
		Out	SMA-F	

**Performance guaranteed at +25 deg. C.
Environmental conditions: Altitude of 10,000ft**

