



Medium Power Amplifiers

0.5 TO 18 GHz, OUTPUT POWERS $\leq +24$ dBm

With Temperature Compensation

FEATURES

- WIDE BANDWIDTH
- MULTIPLE GAIN AND P1dB RANGES
- PERFORMANCE GUARANTEED OVER -54°C TO $+85^{\circ}\text{C}$
- INTERNAL VOLTAGE REGULATOR INCLUDED
- INPUT VOLTAGE OF $+11.5\text{V DC}$ TO $+15.5\text{V DC}$
- SMALL HERMETIC UNITS
- CHOICE OF CASE OPTIONS
- CUSTOM CONFIGURATIONS AVAILABLE



DBX-I case option shown

Frequency Response (GHz)	Gain (dB) Min.	Gain (dB) Max.	Gain Flatness (+/-dB) Max.	Noise Figure (dB) Typ./Max.	P1dB (dBm) Min.	IP3 (dBm) Typ.	VSWR 50 Ohms In/Out Max.	Current @12V DC (mA) Max.	Case Options	Narda Model Number
2.0-8.0	28	33	2.0	4.0/4.5	20	30	2.0/2.0	350	DBX-4I, DBX-3MH	DBS-0208T420
2.0-8.0	35	40	2.0	4.0/4.5	20	30	2.0/2.0	400	DBX-6I, DBX-4MH	DBS-0208T520
2.0-18.0	22	28	2.5	5.0/5.5	17	27	2.0/2.0	400	DBX-4I, DBX-2MH	DBS-0218T317
2.0-18.0	22	28	2.5	5.5/6.0	19	29	2.0/2.0	450	DBX-4I, DBX-3MH	DBS-0218T419
4.0-11.0	20	25	2.0	4.0/4.5	15	25	2.0/2.0	230	DBX-4I, DBX-2MH	DBS-0411T315
4.0-11.0	18	23	2.0	4.5/5.0	20	30	2.0/2.0	300	DBX-4I, DBX-2MH	DBS-0411T320
4.0-11.0	24	29	2.0	4.0/4.5	13	23	2.0/2.0	250	DBX-4I, DBX-3MH	DBS-0411T413
4.0-11.0	27	32	2.0	4.0/4.5	15	25	2.0/2.0	250	DBX-4I, DBX-3MH	DBS-0411T415
4.0-11.0	26	32	2.0	4.5/5.0	20	30	2.0/2.0	350	DBX-4I, DBX-3MH	DBS-0411T420
4.0-11.0	31	36	2.0	4.0/4.5	13	23	2.0/2.0	300	DBX-6I, DBX-4MH	DBS-0411T513
4.0-11.0	34	40	2.0	4.0/4.5	15	25	2.0/2.0	325	DBX-6I, DBX-4MH	DBS-0411T515
4.0-11.0	32	38	2.0	4.5/5.0	20	30	2.0/2.0	400	DBX-6I, DBX-4MH	DBS-0411T520
5.0-13.0	23	27	2.0	4.0/4.5	17	27	2.0/2.0	220	DBX-4I, DBX-3MH	DBS-0513T417
5.0-13.0	27	31	2.0	4.0/4.5	20	29	2.0/2.0	280	DBX-6I, DBX-4MH	DBS-0513T520
5.0-13.0	33	38	2.0	4.0/4.5	20	29	2.0/2.0	340	DBX-6I, DBX-5MH	DBS-0513T620
5.0-13.0	41	46	2.0	4.0/4.5	20	29	2.0/2.0	400	DBX-8I, DBX-6MH	DBS-0513T720
6.0-12.0	25	29	2.0	3.5/4.0	20	30	2.0/2.0	350	DBX-4I, DBX-3MH	DBS-0612T420
6.0-12.0	31	36	2.0	3.5/4.0	20	30	2.0/2.0	400	DBX-6I, DBX-4MH	DBS-0612T520
6.0-12.0	41	46	2.0	3.5/4.0	20	30	2.0/2.0	450	DBX-6I, DBX-5MH	DBS-0612T620

Maximum RF input power is $+20$ dBm CW or $+30$ dBm pulse at 1 micro second and 1% duty cycle.

Case options on back

Performance guaranteed over -54°C to $+85^{\circ}\text{C}$.

SMA Female connectors are standard.

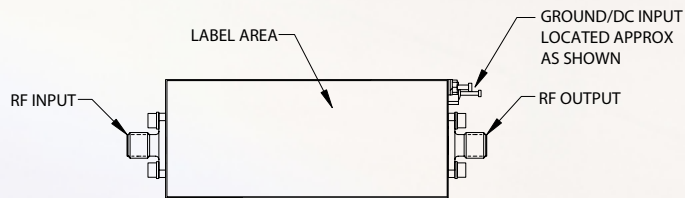
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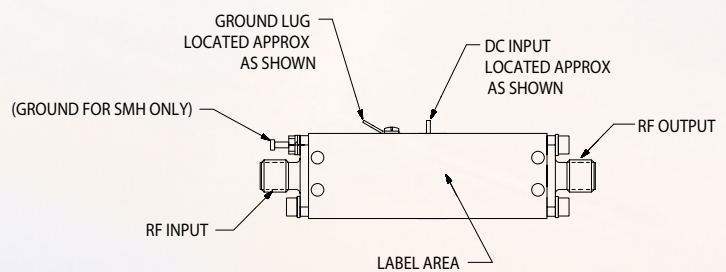
With Temperature Compensation

Medium Power Amplifiers

CASE OPTIONS



DBX-I SERIES



DBX-MH SERIES