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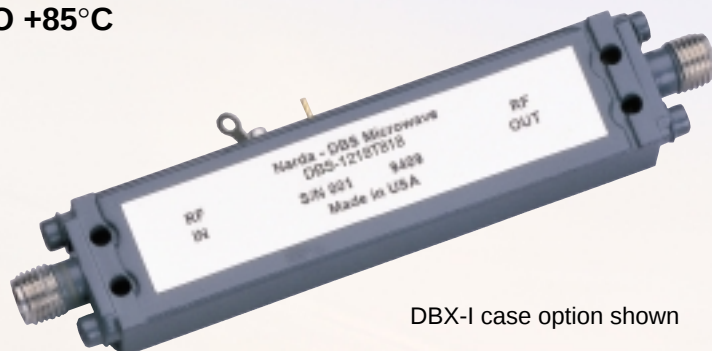
Low Noise Amplifiers

0.5 TO 18 GHz

With Temperature Compensation

FEATURES

- LOW NOISE FIGURES
- PERFORMANCE GUARANTEED OVER -54°C TO +85°C
- MULTIPLE GAIN AND P1dB RANGES
- INTERNAL VOLTAGE REGULATOR INCLUDED
- INPUT VOLTAGE OF +11.5V DC TO +15.5V 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
8.5-9.5	26	30	1.5	2.3/2.5	10	20	2.0/2.0	275	DBX-4I, DBX-2MH	DBL-9585T410
9.0-10.0	29	33	1.5	2.3/2.5	10	20	2.0/2.0	275	DBX-4I, DBX-2MH	DBL-9010T410
8.5-10.5	29	33	1.5	2.8/3.0	10	20	2.0/2.0	275	DBX-4I, DBX-2MH	DBL-8510T412
9.5-10.5	29	33	1.5	2.8/3.0	10	20	2.0/2.0	275	DBX-4I, DBX-2MH	DBL-9510T410
13.5-14.5	28	32	1.5	3.0/3.5	10	20	2.0/2.0	275	DBX-4I, DBX-2MH	DBL-1314T410
0.5-2.0	18	24	1.5	3.2/3.8	12	22	2.0/2.0	180	DBX-4I, DBX-2MH	DBS-0102T312
0.5-2.0	29	35	1.5	3.2/3.8	12	22	2.0/2.0	250	DBX-4I, DBX-3MH	DBS-0102T412
4.0-8.0	25	30	1.5	3.0/3.4	10	20	2.0/2.0	180	DBX-4I, DBX-2MH	DBS-0408T310
4.0-8.0	25	30	1.5	3.0/3.4	15	25	2.0/2.0	250	DBX-4I, DBX-3MH	DBS-0408T415
2.0-8.0	19	24	1.5	3.7/4.0	15	25	2.0/2.0	200	DBX-4I, DBX-2MH	DBS-0208T315
2.0-8.0	28	33	2.0	3.7/4.0	15	25	2.0/2.0	250	DBX-4I, DBX-3MH	DBS-0208T415
2.0-8.0	35	40	2.0	3.7/4.0	15	25	2.0/2.0	320	DBX-6I, DBX-4MH	DBS-0208T515
7.0-12.4	17	21	2.0	3.5/3.8	15	25	2.0/2.0	230	DBX-4I, DBX-2MH	DBS-0712T315
7.0-12.4	24	28	2.0	3.5/3.8	15	25	2.0/2.0	300	DBX-4I, DBX-3MH	DBS-0712T415
7.0-12.4	30	35	2.0	3.5/3.8	15	25	2.0/2.0	330	DBX-6I, DBX-4MH	DBS-0712T515
7.0-12.4	36	41	2.0	3.5/3.8	15	25	2.0/2.0	370	DBX-6I, DBX-5MH	DBS-0712T615
7.0-12.4	42	48	2.0	3.5/3.8	15	25	2.0/2.0	450	DBX-8I, DBX-6MH	DBS-0712T715
7.0-12.4	25	29	2.0	3.5/4.0	20	30	2.0/2.0	350	DBX-4I, DBX-3MH	DBS-0712T420
7.0-12.4	31	36	2.0	3.5/4.0	20	30	2.0/2.0	400	DBX-6I, DBX-4MH	DBS-0712T520
7.0-12.4	41	46	2.0	3.5/4.0	20	30	2.0/2.0	450	DBX-6I, DBX-5MH	DBS-0712T620
6.0-18.0	25	29	2.25	4.0/4.3	15	25	2.0/2.0	350	DBX-6I, DBX-4MH	DBS-0618T515
6.0-18.0	39	44	2.25	4.0/4.3	15	25	2.0/2.0	450	DBX-8I, DBX-6MH	DBS-0618T715
6.0-18.0	29	34	2.25	3.5/4.0	18	28	2.0/2.0	370	DBX-6I, DBX-5MH	DBS-0618T618

Chart continued on back

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0.5 TO 18 GHz

With Temperature Compensation

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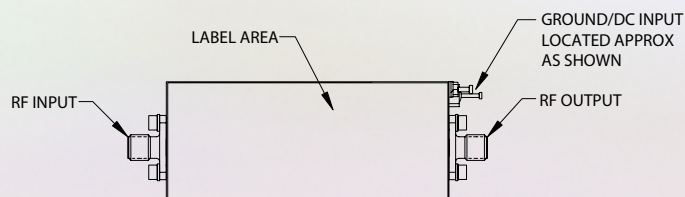
Frequency Response (GHz)	Gain (dB) Min.	Gain (dB) Max.	Gain Flatness (+/-dB) Max.	Noise Figure (dB) Typ./Max.	P1dB (dBm) Min.	IP3 (dBm) Typ.	VSWR 50 Ohms In/Out Max.	Current @12V DC (mA) Max.	Case Options	Narda Model Number
6.0-18.0	35	40	2.25	3.5/4.0	18	28	2.0/2.0	450	DBX-8I, DBX-6MH	DBS-0618T718
6.0-18.0	29	33	2.25	3.5/4.0	20	30	2.0/2.0	490	DBX-6I, DBX-6MH	DBS-0618T620
6.0-18.0	39	44	2.25	3.5/4.0	20	30	2.0/2.0	550	DBX-8I, DBX-6MH	DBS-0618T720
6.0-18.0	20	28	2.25	3.7/4.0	12	22	2.0/2.0	300	DBX-4I, DBX-3MH	DBL-0618T412
6.0-18.0	25	33	2.25	3.7/4.0	15	25	2.0/2.0	350	DBX-6I, DBX-4MH	DBL-0618T515
6.0-18.0	39	46	2.25	4.0/4.5	15	25	2.0/2.0	450	DBX-8I, DBX-6MH	DBL-0618T715
6.0-18.0	29	36	2.25	3.5/4.0	18	28	2.0/2.0	370	DBX-6I, DBX-5MH	DBL-0618T618
6.0-18.0	35	42	2.25	3.5/4.0	18	28	2.0/2.0	450	DBX-8I, DBX-6MH	DBL-0618T718
6.0-18.0	28	35	2.25	3.5/4.0	20	30	2.0/2.0	490	DBX-6I, DBX-5MH	DBL-0618T620
6.0-18.0	39	46	2.25	3.5/4.0	20	30	2.0/2.0	550	DBX-8I, DBX-6MH	DBL-0618T720
2.0-18.0	19	25	2.5	4.5/5.5	9	19	2.0/2.0	275	DBX-4I, DBX-2MH	DBS-0218T309
2.0-18.0	26	32	2.5	4.5/5.5	9	19	2.0/2.0	325	DBX-4I, DBX-3MH	DBS-0218T409
12.0-18.0	20	25	1.5	3.7/4.0	12	22	2.0/2.0	290	DBX-4I, DBX-3MH	DBS-1218T412
12.0-18.0	25	30	1.5	3.7/4.0	15	25	2.0/2.0	350	DBX-6I, DBX-4MH	DBS-1218T515
12.0-18.0	30	36	1.5	3.7/4.0	15	25	2.0/2.0	440	DBX-6I, DBX-5MH	DBS-1218T615
12.0-18.0	36	44	1.5	3.7/4.0	18	28	2.0/2.0	510	DBX-8I, DBX-6MH	DBS-1218T718
12.0-18.0	42	50	1.5	3.7/4.0	18	28	2.0/2.0	570	DBX-8I, DBX-7MH	DBS-1218T818

Maximum RF input power is +17 dBm CW or +27 dBm pulse at 1 micro second and 1% duty cycle.

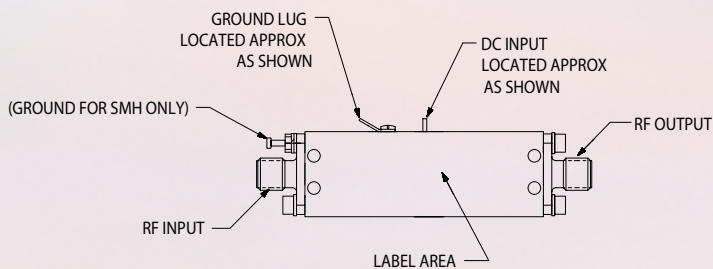
Performance guaranteed over -54°C to +85°C.

SMA Female connectors are standard.

CASE OPTIONS



DBX-I SERIES



DBX-MH SERIES