

Multi-Purpose Amplifiers

WIDEBAND
LOW NOISE AMPLIFIERS

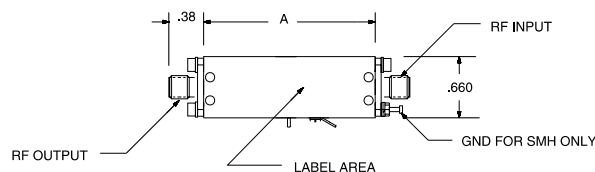
SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN MIN (dB)	NOISE FIGURE MAX (dB)	P1dB MIN (dBm)	GAIN FLATNESS MAX ($\pm$ dB)	IP3 TYP (dBm)	VSWR 50 OHMS I/O TYP	CURRENT @ 12 Vdc MAX (mA)	CASE OPTIONS
DBL-0102N305	0.5-2.0**	28	1.0	5	0.5	15	2.0/1.8	125	1MH
DBL-0204N310	2.0-4.0	28	1.0	10	1.0	20	1.8/1.8	128	1MH
DBL-0408N410	4.0-8.0	28	1.0	10	1.0	20	1.8/1.8	125	1MH
DBL-0511N410	5.0-11.0**	30	1.0	10	1.0	20	1.8/1.8	150	2MH
DBL-1113N410	11.0-13.0**	30	1.0	10	1.0	20	1.8/1.8	150	2MH
DBL-0618N410	6.0-18.0	28	2.0	10	1.0	20	1.8/1.8	150	2MH

All above-mentioned amplifiers include the following: Internal voltage internal regulator with input voltage of +11.8 Vdc to +15.5 Vdc. Maximum RF input power is 20 dBm (CW) or 30 dBm pulse, 1 microsecond and 1% duty cycle.

**Over any 500 MHz bandwidth.

OUTLINE DRAWING



CASE	A DIM	B DIM	C DIM	D DIM
DBX-SMH	.868	.728	.43	--
DBX-1MH	1.116	.976	.43	.68
DBX-2MH	1.359	1.220	.68	1.13
DBX-3MH	1.602	1.462	.68	1.13
DBX-4MH	1.845	1.705	.92	1.37
DBX-5MH	2.088	1.948	.92	1.37
DBX-6MH	2.331	2.190	1.17	1.61
DBX-7MH	2.574	2.434	1.41	1.86
DBX-8MH	2.817	2.677	1.41	1.86

- NOTES:
 1. ALL DIMENSIONS ARE IN INCHES.
 2. TOLERANCE: .XX = $\pm .02$
 .XXX = $\pm .010$
 3. ALL TOLERANCES APPLY BEFORE PAINT & LABELING.
 4. RF CONNECTORS ARE SMA FEMALE.

