

Radio Link Amplifiers

MILLIMETER-WAVE
LOW NOISE AMPLIFIERS

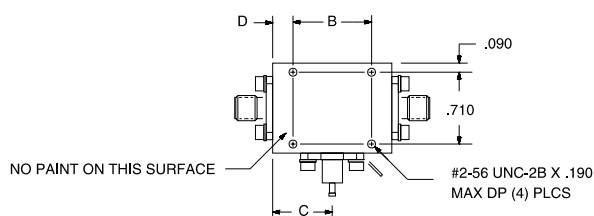
SPECIFICATIONS

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
DBS-2021N410	20.2-21.2	30	2.3	10	1.0	20	1.8/1.8	225	DBK-6
DBS-2324N410	23.0-24.0	30	2.3	10	1.0	20	1.8/1.8	225	DBK-6
DBS-2631N410	26.0-31.5**	30	2.3	10	1.0	20	1.8/1.8	235	DBK-6
DBS-3435N410	34.0-35.0	30	3.0	10	1.0	17	1.8/1.8	245	DBK-6
DBS-4042N510	40.5-42.5**	30	4.0	10	1.0	17	2.0/2.0	300	DBK-6
DBS-4344N510	43.0-44.0	30	4.0	10	1.25	17	2.0/2.0	250	DBK-6
DBS-4445N510	44.0-45.0	30	4.0	10	1.25	17	2.0/2.0	250	DBK-6

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
DBK-3	.978	.578	.489	.200
DBK-4	1.177	.777	.588	.200
DBK-6	1.575	1.175	.986	.200
DBK-8	1.973	1.573	1.385	.200
DBK-10	2.371	1.971	1.785	.200

NOTES:

- ALL DIMENSIONS ARE IN INCHES
- TOLERANCE: .XX = $\pm .02$
.XXX = $\pm .010$
- ALL TOLERANCES APPLY BEFORE PAINT & LABELING
- RF INPUT & OUTPUT CONNECTORS ARE FEMALE SMA & K COMPATIBLE.

