

Wideband Low Noise Amplifiers

Guaranteed @ +25 C	Wideband Low Noise Amplifiers								
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Noise Figure (dB) Max.	P1dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Typ.	Current @12Vdc (mA) Typ.	Case Options* DBX-
DBL-0102N305	0.5-2**	28	1.0	5	0.5	15	2.0/1.8	125	1MH
DBL-0204N310	2-4	28	1.0	10	1.0	20	1.8/1.8	125	1MH
DBL-0408N410	4-8	28	1.0	10	1.0	20	1.8/1.8	125	1MH
DBL-0511N410	5-11**	30	1.0	10	1.0	20	1.8/1.8	150	2MH
DBL-1113N410	11-13**	30	1.0	10	1.0	20	1.8/1.8	150	2MH
DBL-0618N410	6-18	28	2.0	10	1.0	20	1.8/1.8	150	2MH

Wideband Power Amplifiers

Guaranteed @ +25 C	Wideband Power Amplifiers								
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Noise Figure (dB) Max.	P1dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Typ.	Current @12Vdc (mA) Typ.	Case Options* DBX-
DBP-0208N533	2-8	30	5.0	33	2.0	41	2.0/2.0	2200	4P
DBP-0612N433	6-12	30	5.0	33	1.5	41	2.0/2.0	2200	7P
DBP-0813N433	8-13	30	5.0	33	1.5	41	2.0/2.0	2200	7P
DBP-1015N433	10-15	30	5.0	33	2.0	41	2.0/2.0	2200	7P
DBP-0106N427	0.5-6	25	4.5	27	2.0	35	2.0/2.0	900	4I
DBP-0108N427	0.5-8	25	4.5	25	2.0	33	2.0/2.0	700	4I
DBP-0218N427	2-18	30	5.0	27	2.0	35	2.0/2.0	1700	7P
DBP-0218N427	2-18	34	5.0	27	2.0	35	2.0/2.0	1800	7P

Notes:

1. All above-mentioned amplifiers include internal voltage regulator with input voltage of +11.5Vdc to +15.5Vdc.
2. Maximum RF input power is 20dBm (CW) or 30dBm pulse, 1micro second and 1-% duty cycle.

* Case drawings for various case options are contained in this catalog.

** Over any 500 MHz bandwidth.