

0.5-12, 2-18, 1-19 GHz Amplifiers

Guaranteed @ +25 C	DBS Standard 2-18GHz Amplifiers without Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Typ./Max.	PI dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case Options* DBX-
DBS-0112N210	0.5-12	20	26	5.5/6.5	10	1.5	20	2.0/2.0	270	2I, 1MH
DBS-0112N410	0.5-12	38	46	5.5/6.5	10	2.0	20	2.0/2.0	350	4I, 2MH
DBS-0112N323	0.5-12	21	26	5.5/6.5	23	2.0	33	2.0/2.0	475	4I, 2MH
DBS-0218N108	2-18	7	10	4.0/4.5	8	1.5	18	2.0/2.0	85	2I, 1MH
DBS-0218N109	2-18	14	18	4.0/4.5	9	1.5	19	2.0/2.0	100	2I, 1MH
DBL-0218N208	2-18	22	27	3.0/3.5	8	1.75	18	2.0/2.0	160	2I, 1MH
DBL-0218N308	2-18	32	38	3.0/3.5	8	1.75	18	2.0/2.0	200	4I, 2MH
DBS-0218N415	2-18	31	38	4.0/4.5	15	1.75	25	2.0/2.0	325	4I, 3MH
DBS-0218N318	2-18	20	26	4.0/4.5	18	1.75	28	2.0/2.0	350	4I, 3MH
DBS-0218N320	2-18	20	26	4.5/5.0	20	1.75	30	2.0/2.0	425	4I
DBS-0218N623	2-18	30	36	4.5/5.0	23	1.75	31	2.0/2.0	900	4I
DBS-0218N625	2-18	38	45	4.5/5.0	25	1.75	33	2.0/2.0	1600	6I
DBP-0218N427	2-18	30	36	4.5/5.0	27	2.0	35	2.0/2.0	1700 Typ	7P
DBP-0218N627	2-18	34	41	4.5/5.0	27	2.0	35	2.0/2.0	1800 Typ	7P
DBS-0119N310	1-19	18	24	5.0/5.5	10	2.0	20	2.2/2.2	200	4I, 2MH
DBS-0119N410	1-19	29	36	5.0/5.5	10	2.0	20	2.2/2.2	200	4I, 3MH
DBS-0119N510	1-19	24	31	5.0/5.5	10	2.0	20	2.2/2.2	200	4I, 2MH
Guaranteed @ -54 to 85 C	DBS Standard 2-18GHz Amplifiers with Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Typ./Max.	PI dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case Options* DBX-
DBS-0218T309	2-18	19	25	4.5/5.5	9	2.5	19	2.0/2.0	225	4I, 2MH
DBS-0218T409	2-18	26	32	4.5/5.5	9	2.5	19	2.0/2.0	275	4I, 3MH
DBS-0218T317	2-18	22	28	5.0/5.5	17	2.5	27	2.0/2.0	400	4I, 2MH
DBS-0218T419	2-18	22	28	5.5/6.0	19	2.5	29	2.0/2.0	450	4I, 3MH

Notes:

1. All above-mentioned amplifiers include internal voltage regulator with input voltage of +11.5Vdc to +15.5 Vdc.
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.