

DBS Standard Active Multipliers

Guaranteed @ +25 C	DBS Standard Active Doubles						
Model Number	Input Frequency (GHz)	Output Frequency (GHz)	Pin (dBm) Min.	Psat out (dBm) Min.	Signal Purity (dBc) Max.	Current @12Vdc (mA) Max.	Case*
DBS-0810X220	4.25-5.25	8.5-10.5	10	20	-10	400	DBX-6
DBS-1012X220	5.25-6.25	10.5-12.5	10	20	-10	400	DBX-6
DBS-1416X220	7.0-8.0	14.0-16.0	10	20	-10	450	DBX-8
DBS-1719X220	8.75-9.75	17.5-19.5	10	20	-10	500	DBX-8
DBS-1826X220	9-13.25	18.0-26.5	10	20	-20	450	DBK-6
DBS-2640X218	13.25-20	26.5-40	10	18	-20	425	DBK-8
DBS-2640X220	13.25-20	26.5-40	10	20	-20	575	DBK-8
DBS-3350X213	16.5-25	33-50	10	13	-20	500	DBV-6
DBS-4060X210	20-30	40-60	10	10	-20	650	DBV-6
Guaranteed @ +25 C	DBS Standard Active X3 Multipliers						
Model Number	Input Frequency (GHz)	Output Frequency (GHz)	Pin (dBm) Min.	Psat out (dBm) Min.	Signal Purity (dBc) Max.	Current @12Vdc (mA) Max.	Case*
DBS-3740X317	12.33-13.33	37-40	10	17	-20	500	DBK-6
DBS-4043X315	13.33-14.33	40-43	10	15	-20	500	DBK-6
DBS-4346X313	14.33-15.33	43-46	10	13	-20	500	DBK-6
DBS-4548X310	15-16	45-48	10	10	-20	500	DBV-6

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 17dBm (CW) or 27dBm pulse, 1micro second and 1-% duty cycle.
3. DBS offers a variety of multipliers over 1GHz to 96 GHz for various bandwidths and multiplier ratios under special requests.

All above-mentioned amplifiers are offered with **Coax/WG** I/O or **Coax/Coax** I/O connectors who must be specified by the customer at the time of order.

* Case drawings are contained in this catalog.

DBS Standard Active Multipliers, continued..

Guaranteed @ +25 C	DBS Standard Active X4 Multipliers						
Model Number	Input Frequency (GHz)	Output Frequency (GHz)	Pin (dBm) Min.	Psat out (dBm) Min.	Signal Purity (dBc) Max.	Current @12Vdc (mA) Max.	Case*
DBS-1012X420	2.62-3.13	10.48-12.52	10	20	-10	350	DBX-6
DBS-1416X420	3.5-4.0	14.0-16.0	10	20	-20	475	DBX-8
DBS-1719X420	4.37-4.88	17.48-19.52	10	20	-20	475	DBX-8
DBS-1820X420	4.62-5.13	18.48-20.52	10	20	-20	475	DBX-8
DBS-2123X420	5.25-5.75	21-23	10	20	-20	475	DBK-8
DBS-2729X417	6.87-7.38	27.48-29.52	10	17	-20	500	DBK-8
DBS-2640X415	6.5-10.0	26-40	10	15	-20	600	DBK-8
DBS-3350X410	8.25-12.5	33-50	10	10	-20	600	DBV-8
DBS-4060X410	10-15	40-60	10	10	-20	750	DBV-8
DBS-4346X413	10.75-11.50	43-46	10	13	-20	600	DBK-8
DBS-7080X407	17.5-20.0	70-80	10	7 typ/ 5 min	-20	600	Special
DBS-9096X407	22.5-24.0	90-96	10	7 typ/ 5 min	-20	600	Special

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 17dBm (CW) or 27dBm pulse, 1micro second and 1-% duty cycle.
3. DBS offers a variety of multipliers over 1GHz to 96 GHz for various bandwidths and multiplier ratios under special requests.

All above-mentioned amplifiers are offered with **Coax/WG I/O** or **Coax/Coax I/O** connectors who must be specified by the customer at the time of order.

* Case drawings are contained in this catalog.