



Active Multipliers

8.5 TO 96 GHz

FEATURES

- SUPERIOR FUNDAMENTAL & HARMONIC SUPPRESSION
- X2, X3 AND X4 CONFIGURATIONS
- WIDE BANDWIDTHS
- EXCELLENT CONVERSION GAIN FLATNESS
- SMALL CASE



DBK case option shown

STANDARD ACTIVE X2 MULTIPLIERS

Input Frequency (GHz)	Output Frequency (GHz)	Pout (dBm) Min.	Signal Purity (dBc) Max.	Current @ 12V DC (mA) Max.	Case Options	Narda Model Number
4.25-5.25	8.5-10.5	20	-10	400	DBX-6	DBS-0810X220
5.25-6.25	10.5-12.5	20	-20	400	DBX-6	DBS-1012X220
7.0-8.0	14.0-16.0	20	-20	450	DBX-8	DBS-1416X220
8.75-9.75	17.5-19.5	20	-20	500	DBX-8	DBS-1719X220
9.0-13.25	18.0-26.5	20	-20	450	DBK-6	DBS-1826X220
13.25-20.0	26.5-40.0	18	-20	425	DBK-8	DBS-2640X218
13.25-20.0	26.5-40.0	20	-20	575	DBK-8	DBS-2640X220
16.5-25.0	33.0-50.0	13	-20	500	DBK-V6	DBS-3350X213
20.0-30.0	40.0-60.0	10	-20	650	DBK-V6	DBS-4060X210

STANDARD ACTIVE X3 MULTIPLIERS

Input Frequency (GHz)	Output Frequency (GHz)	Pout (dBm) Min.	Signal Purity (dBc) Max.	Current @ 12V DC (mA) Max.	Case Options	Narda Model Number
12.33-13.33	37.0-40.0	17	-20	500	DBK-6	DBS-3740X317
13.33-14.33	40.0-43.0	15	-20	500	DBK-6	DBS-4043X315
14.33-15.33	43.0-46.0	13	-20	500	DBK-V6	DBS-4346X313
15.0-16.0	45.0-48.0	10	-20	500	DBK-V6	DBS-4548X310

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STANDARD ACTIVE X4 MULTIPLIERS

Input Frequency (GHz)	Output Frequency (GHz)	Pout (dBm) Min.	Signal Purity (dBc) Max.	Current @ 12V DC (mA) Max.	Case Options	Narda Model Number
3.5-4.0	14.0-16.0	20	-15	475	DBX-8	DBS-1416X420
4.37-4.88	17.48-19.52	20	-20	475	DBX-8	DBS-1719X420
4.62-5.13	18.48-20.52	20	-20	475	DBX-8	DBS-1820X420
5.25-5.75	21.0-23.0	20	-20	475	DBK-10	DBS-2123X420
6.87-7.38	27.48-29.52	17	-20	500	DBK-10	DBS-2729X417
6.5-10.0	26.0-40.0	15	-20	600	DBK-10M	DBS-2640X415
6.5-10.0	26.0-40.0	20	-20	750	DBK-10M	DBS-2640X420
8.25-12.5	33.0-50.0	10	-20	600	DBKV-8	DBS-3350X410
10.0-15.0	40.0-60.0	10	-20	750	DBKV-8	DBS-4060X410
10.75-11.5	43.0-46.0	13	-20	600	DBKV-8	DBS-4346X413
17.5-20.0	70.0-80.0	7 typ. / 5 min.	-20	600	Special*	DBS-7080X407
22.5-24.0	90.0-96.0	7 typ. / 5 min.	-15	600	Special*	DBS-9096X407

*Contact factory for case options

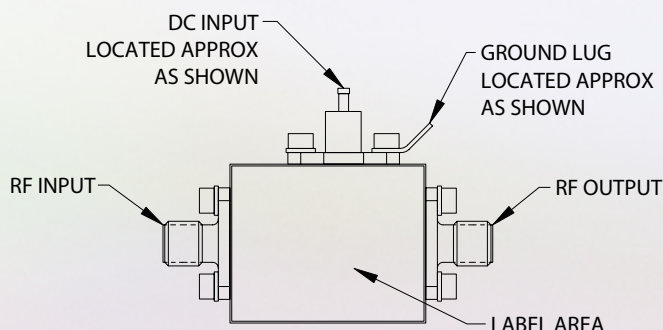
All multipliers listed include internal voltage regulators with input voltage of +11.5V DC to +15.5V DC.

Input power range is +10 dBm to +17 dBm.

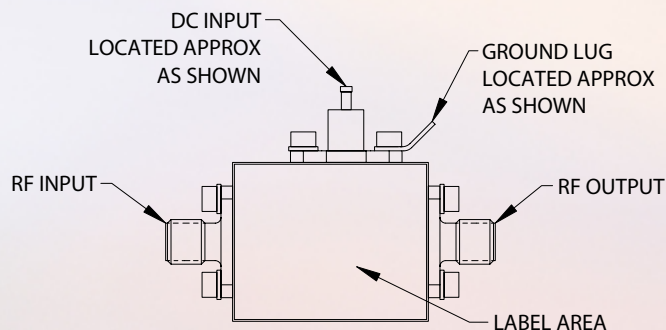
Coax/WG I/O or Coax/Coax I/O connectors are offered on all multipliers. The connector type must be specified by the customer when the order is placed.

Bandwidth, input power and multiplier ratio may be customized.

CASE OPTIONS



DBK & DBK-M SERIES



DBKV SERIES



DBX SERIES