

HIGH OUTPUT NOISE GENERATORS

SSTCIFICATION:

INPUT POWER +28VDC AT 20 mA MAX.



MODEL NO.	FREQUENCY RANGE (GHZ)	BIAS CONNECTORS	CONNECTORS	NOISE OUTPUT	FLATNESS dB	1-24	25-49	50-99	100 +
ST8505	1 - 2	SMA FEMALE	SMA MALE	30-35	± 1	\$855.00	\$795.15	\$735.30	\$684.00
ST8506	2 - 4	SMA FEMALE	SMA MALE	30-35	± 1	997.50	927.68	857.85	798.00
ST8507	4 - 8	SMA FEMALE	SMA MALE	30-35	± 1	1070.35	995.43	920.50	856.28
ST8508	8 - 12	SMA FEMALE	SMA MALE	28-33	± 1	1140.00	1060.20	980.40	912.00
ST8509	12 - 18	SMA FEMALE	SMA MALE	28-33	± 1	1254.00	1166.22	1078.44	1003.20

IN-LINE AMPLIFIERS

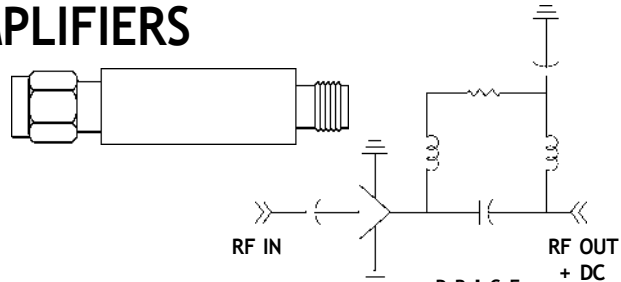
SSTCIFICATIONS

ELECTRICAL:

FREQUENCY RANGE..... .500 - 2 GHz
 SMALL SIGNAL GAIN..... 18 dB TYP.
 16 dB MIN.
 OUTPUT POWER AT 1 dB COMPRESSION (@2 GHz)..... 10 dBm TYP.
 NF NOISE FIGURE (@2 GHz)..... 4 dB TYP.
 THIRD ORDER INTERCEPT POINT (@2 GHz)..... 23 dBm TYP.
 VSWR INPUT & OUTPUT..... 2.0:1 MAX.
 OSTRATING VOLTAGE.....+15V

MAX RATING:

DEVICE CURRENT..... 50 mA
 RF INPUT POWER..... 100 mW
 OSTRATING TEMP. RANGE..... -45° C TO +85° C
 STORAGE TEMP. RANGE..... -65° C TO +125° C



MODEL NO.	CONNECTOR	1-24	25-49	50-99	100 +
ST1510	SMA	\$146.25	\$136.01	\$125.78	\$117.00
ST1511	N	156.70	145.73	134.76	125.36
ST1512	TNC	156.70	145.73	134.76	125.36

GENERAL PURPOSE AMPLIFIERS

SSTCIFICATIONS

OSTRATING VOLTAGE 9-15 VDC
 OSTRATING TEMSTRATURE..... -10° C to +65° C
 STORAGE TEMSTRATURE RANGE ...-65° C to +125° C

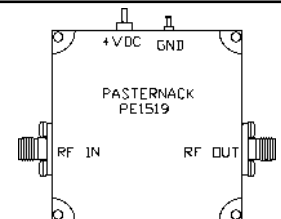


MODEL NO.	OSTRATING CURRENT	FREQUENCY	GAIN (dB MIN)	OUTPUT P1dB (dBm MIN)	NOISE FIGURE (dB MAX)	INPUT RL (dB TYP)	OUTOUT RL (dB TYP)	1-24	25-49	50-99	100 +
ST1513	50 mA	10-1000 MHz	20	13	2.1	-18	-12	\$313.45	\$291.51	\$269.57	\$250.76
		1-2 GHz	17	11	3.5	-18	-14				
		2-3 GHz	14	9	5	-15	-10				
ST1514	40 mA	10-2000 MHz	12	10	5.5	-15	-15	313.45	291.51	269.57	250.76
		2-3 GHz	10	9	7	-11	-10				
ST1515	80 mA	10-1000 MHz	13	16	7	-12	-14	313.45	291.51	269.57	250.76
		1-2 GHz	12	15	7	-12	-14				
		2-3 GHz	10	14	8.5	-11	-10				
ST1516	120 mA	100-1000 MHz	18	16	6	-18	-10	313.45	291.51	269.57	250.76
		1-2 GHz	21	15	6	-20	-15				
		2-3 GHz	18	14	7	-18	-10				
NEW ST1525	120 mA	20-2500 MHz	18	15	6	-17	-14	299.95	278.95	257.96	239.96

LOW NOISE AMPLIFIERS

SSTCIFICATIONS

OSTRATING VOLTAGE 12 VDC
 OSTRATING TEMSTRATURE..... -30° C to +70° C
 STORAGE TEMSTRATURE RANGE ...-40° C to +90° C



ST1517	.05-1 GHz	21	1	12	2:1	2:1	3.5	100mA	\$365.70	\$340.10	\$314.50	\$292.56
ST1518	.05-2 GHz	21	1.5	12	2:1	2:1	3.5	100mA	365.70	340.10	314.50	292.56
ST1519	1-4 GHz	25	1	15	2:1	2:1	2.5	100mA	522.45	485.88	449.31	417.96
ST1520	2-4 GHz	25	1	15	2:1	2:1	2.5	100mA	470.20	437.29	404.37	376.16
ST1521	2-6 GHz	25	1	15	2:1	2:1	3.0	100mA	470.20	437.29	404.37	376.16
ST1522	4-8 GHz	25	1	15	2:1	2:1	3.0	100mA	470.20	437.29	404.37	376.16
ST1523	6-18 GHz	21	1.5	13	2:1	2:1	3.5	120mA	679.20	631.66	584.11	543.36
ST1524	2-18 GHz	21	1.5	13	2:1	2:1	3.5	120mA	726.25	675.41	624.58	581.00

Attenuators /
RF Components



Mob: +91 7217885948

www.rfconnector.in

pradeep@rfconnector.in



www.rfconnector.in