

RADITEK

Amplifiers Gain Blocks

Gain Block Amplifiers, Broadband 0.1 - 32 GHz, Split Bands with gain to 45 dB and P1dB to 38 dBm



General Specifications

- Modules cover bands across: 0.1 GHz to 30GHz
- Low Noise figure
- Very Good VSWR
- Operating Temperature: -40°C to 85°C
- Operating Voltage: +5/+12/+15 V
- Reverse voltage protection
- Internal regulator for steady performance
- Custom Gain and P1 dB available
- Hermetic sealing optional
- Field replaceable SMA connectors
- Surface mount or connector packages

Order Examples: RAMPGB-0.1-32-26d-12V-Sf-R3-j18

Description: (Gain Block Amplifier, 0.1-32 GHz, 26dB Gain, 12 Volts, SMA Female Connectors, R3 Package

Additional Options: R3 or R4A

Frequency GHZ	Noise fig. dB	Gain dB	OIP3	P1dBm minimum	Current mA	VSWR	Package
DC-30.0	-	26	35	28	1000	2.2:1	R3
0.1-22.0	5.2	10	41	31	700	2.0:1	R4A
0.1-32.0	4.2	12	36	28	350	2.0:1	R4A
0.2-10.0	-	11	47	38	48V@1500	2.0:1	R4A
0.4-2.7	8.7	14	48	33	900	2.2:1	R4A
0.5-2.5	6.2	12	42	27	300	2.0:1	R3
0.7-2.8	4.0	18	42	25	250	2.0:1	R3
2.0-18.0	-	30	36	28.5	1800	2.2:1	R3
2.0-22.0	-	26	36	27	1000	2.2:1	R3
3.0-4.0	5.2	20	40	27	350	2.1:1	R4A
5.0-20.0	6.7	20	30	20	250	2.0:1	R3
6.0-10.0	-	17	43	33	1700	2.0:1	R4A
6.0-18.0	4.7	16	32	20	220	2.0:1	R3
9.5-24.0	6.2	28	33	27	480	2.0:1	R3
12.0-15.0	-	28	42	34	1500	2.0:1	R4A
12.0-15.0	-	26	44	36	1500	2.0:1	R4A
12.0-15.0	-	26	40	32	1800	2.0:1	R4A
17.0-24.0	4.2	22	34	25	400	2.0:1	R3
37.0-40.0	10.0	17	35	26	740	2.0:1	R3

RAMPGB-0.1-32-xd-5-15V-Sf-Generic-j18

Specifications may be subject to change

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Gain Block Amplifiers, Broadband 0.1-32GHz, Split Bands

Drawing Dimensions and Package Type

