

Wide Band Gain Block

Part No.	BW (MHz)	Freq. (MHz)	Gs (dB)	P1 (dBm)	OIP3/tone (dBm)	NF (dB)	Vc (V)	Ic (mA)	PKG
BG11C	50-4000	70	22.8	15.9	29.9	6dBm	5.0	48	SOT89
		500	22.3	15.8	28.0				
		900	21.9	16.4	29.5				
		1900	20.8	17.3	30.0				
		2450	19.9	16.5	28.0				
	50-4000	70	22.3	13.0	25.6	6dBm	4.5	35	SOT89
		500	21.8	12.9	23.0				
		900	21.5	13.0	24.0				
		1900	20.5	14.3	26.0				
		2450	19.7	15.0	23.0				
BG12B	50-4000	70	18.6	20.1	36.5	5dBm	5.0	77	SOT89
		500	17.5	20.6	38.0				
		900	17.1	20.9	37.0				
		1900	15.0	20.0	34.5				
		2450	13.9	18.3	33.0				
	50-4000	70	18.5	18.0	35.0	5dBm	4.5	58	SOT89
		500	17.4	18.3	34.5				
		900	17.0	18.5	34.0				

		1900	14.9	18.1	30.5		3.0			
		2450	13.8	17.0	31.0		3.1			
BG12C	50-4000	70	21.5	20.0	36.0	7dBm	2.6	5.0	67	SOT89
		500	20.5	21.0	35.5		2.6			
		900	20.5	21.0	35.0		2.6			
		1900	18.5	20.0	33.0		2.7			
		2450	17.5	18.0	31.0		2.8			
		3500	16.1	15.5	27.2		2.8			
		70	21.0	18.0	31.0		2.5			
50-4000	500	20.5	18.0	31.0	2.5					
	900	20.2	17.5	30.5	2.5					
	1900	18.5	17.5	30.5	2.5					
	2450	17.5	16.5	29.0	2.6					
	70	13.8	18.4	38.0	8.1					
BG13B	5-6000	120	13.8	18.6	37.5	7dBm	8.1	5.0	70	SOT89
		900	13.5	18.5	37.0		8.1			
		1900	13.3	18.5	35.0		8.3			
		2140	13.0	18.5	35.0		8.3			
		2450	12.5	18.5	35.0		8.4			
		3500	12.1	17.7	30.0		8.5			
		5800	10.8	15.2	26.0		9.4			

	5-4000	70	13.7	16.0	35.0	7dBm	8.1	4.5	58	SOT89	
		120	13.7	15.9	34.0		8.1				
		900	13.4	15.8	32.0		8.1				
		1900	13.2	15.9	31.5		8.3				
		2140	12.9	15.9	31.0		8.3				
		2450	12.5	16.1	32.5		8.4				
BG13D	5-6000	70	26.5	18.8	36.0	7dBm	4.0	5.0	65	SOT89	
		900	24.5	19.0	32.0		4.0				
		1900	21.5	19.0	32.0		4.2				
		2140	21.4	19.0	31.5		4.3				
		2450	20.0	19.0	31.5		4.5				
		3500	18.0	17.6	29.5		5.3				
		5800	14.0	15.4	26.5		7.5				
	5-4000	70	24.8	14.4	26.0	7dBm	4.0	4.5	34	SOT89	
		900	23.1	14.1	23.0		4.0				
		1900	20.6	13.8	23.5		4.2				
		2140	20.5	13.8	23.0		4.3				
		2450	19.3	15.2	23.5		4.5				
	BG14A	5-6000	5	16.0	19.0	36.0	9dBm	5.4	5.0	85	SOT89
			70	17.0	19.7	38.5		5.4			
900			16.7	19.7	37.5	5.5					

		1900	16.0	19.7	35.5		6.0			
		2450	15.4	19.7	34.5		6.3			
		3500	14.1	17.9	29.5		7.3			
		5800	11.7	15.7	25.7		9.2			
	5-4000	5	15.9	17.2	35.0	9dBm	5.4	4.5	69	SOT89
		70	16.9	17.9	37.5		5.4			
		900	16.5	17.4	33.5		5.5			
		1900	15.9	17.5	32.5		6.0			
		2450	15.3	17.3	32.5		6.3			
	BG14B	5-6000	70	17.3	19.5	37.0	9dBm	5.0	5.0	75
120			17.7	19.5	37.0	5.0				
900			17.0	19.5	36.5	5.0				
1900			16.0	19.5	35.0	5.2				
2450			15.2	19.5	33.5	5.5				
3500			14.3	17.6	29.0	7.0				
5800			11.9	15.5	25.5	9.5				
5-4000		70	16.6	17.2	33.0	9dBm	4.8	4.5	58	SOT89
		120	17.0	17.2	33.0		4.9			
		900	16.8	16.6	32.0		5.0			
		1900	15.8	16.7	31.5		5.0			
		2450	15.1	16.8	30.5		5.5			

BG15A	50-4000	70	23.0	18.7	33.0	2dBm	2.8	5.0	55	SOT89
		500	21.5	18.3	33.2		2.9			
		900	21.2	17.8	32.7		2.9			
		1900	19.2	17.4	31.2		2.9			
		2140	18.7	17.1	30.5		2.9			
		2450	18.0	16.7	29.6		3.1			
		3500	16.6	15.3	28.0		3.3			
BG15A	50-4000	70	22.2	14.5	25.3	2dBm	2.6	4.5	34	SOT89
		500	20.7	14.6	25.5		2.8			
		900	20.6	13.9	25.1		2.8			
		1900	18.8	14.4	25.3		2.8			
		2140	18.3	14.5	25.2		2.8			
		2450	17.5	14.8	25.0		3.0			
		3500	16.3	14.2	25.4		3.0			
BG16C	5-4000	70	20.2	17.8	31.0	3dBm	4.5	5.0	40	SOT89
		120	18.9	17.3	31.0		4.5			
		900	17.0	16.1	28.5		4.5			
		1900	16.0	15.2	27.0		4.6			
		2140	15.7	15.5	28.0		4.6			
		2450	15.3	15.0	27.5		4.7			
	5-4000	70	19.4	13.3	23.5	3dBm	4.5	4.5	29	SOT89

		120	18.1	12.8	23.5		4.5			
		900	16.3	11.8	22.0		4.6			
		1900	15.4	12.0	20.0		4.5			
		2140	15.2	12.2	22.0		4.6			
		2450	14.8	13.0	22.0		4.7			
BG17A	5-4000	70	21.0	18.3	37.0	5dBm	4.7	5.0	65	SOT89
		120	20.3	18.9	37.0		4.7			
		900	18.8	19.2	35.0		4.8			
		1900	17.0	19.2	33.0		4.9			
		2140	16.8	19.0	32.5		4.9			
		2450	16.2	18.0	31.0		4.9			
		3500	14.8	16.1	28.6		5.5			
	5-4000	70	20.6	15.0	31.0	5dBm	4.7	4.5	45	SOT89
		120	19.9	15.6	31.0		4.7			
		900	18.5	15.3	29.0		4.8			
		1900	16.7	16.1	29.0		4.9			
		2140	16.5	15.9	28.5		4.9			
		2450	16.0	17.0	27.5		4.9			
BG17C	5-6000	70	20.4	17.8	34.0	2dBm	3.8	5.0	55	SOT89
		120	19.3	18.5	33.5		3.8			
		900	17.8	17.5	31.0		3.9			

		1900	16.4	17.0	30.0		4.0			
		2450	15.6	16.1	29.0		4.0			
		5800	11.0	12.3	24.5		6.6			
	5-4000	70	19.5	13.6	27.5	2dBm	3.8	4.5	37	SOT89
		120	18.6	14.3	27.0		3.8			
		900	17.4	14.3	24.5		3.9			
		1900	15.9	13.7	24.5		4.0			
		2450	15.3	12.7	24.0		4.0			
BG18A	50-4000	70	17.5	18.0	36.0	7dBm	4.2	5.0	70	SOT89
		500	16.0	18.7	37.5		4.2			
		900	15.5	19.1	36.0		4.2			
		1900	15.0	18.9	32.5		4.2			
		2100	14.7	18.7	31.5		4.2			
		2450	14.3	17.8	30.5		4.4			
	50-4000	70	17.3	16.9	33.5	7dBm	4.2	4.5	57	SOT89
		500	15.9	16.4	33.0		4.2			
		900	15.4	16.8	32.5		4.2			
		1900	14.9	17.1	30.5		4.2			
		2100	14.6	17.4	30.5		4.2			
		2450	14.2	16.2	29.0		4.4			
BG18B	50-4000	70	22.0	18.0	35.0	7dBm	3.6	5.0	72	SOT89

		500	20.7	18.8	35.0		3.6			
		900	20.3	19.0	34.0		3.4			
		1900	18.5	18.9	31.5		3.2			
		2100	18.3	18.6	31.0		3.4			
		2450	17.5	17.8	30.5		3.4			
		3500	15.1	15.8	27.0		4.6			
	50-4000	70	21.7	14.1	31.5	7dBm	3.6	4.5	53	SOT89
		500	20.5	16.8	32.0		3.6			
		900	20.1	16.5	30.5		3.4			
		1900	18.4	16.2	29.5		3.2			
		2100	18.1	16.8	30.5		3.4			
		2450	17.4	15.7	29.0		3.4			
BG18C	50-4000	70	23.5	19.0	35.0	7dBm	3.8	5.0	73	SOT89
		500	22.4	20.0	36.0		3.8			
		900	22.2	20.1	35.5		3.6			
		1900	20.9	18.8	32.5		3.7			
		2100	20.6	18.3	31.5		3.7			
		2450	19.9	17.3	32.0		3.9			
	50-4000	70	23.1	17.3	32.0	7dBm	3.8	4.5	52	SOT89
		500	22.2	17.2	32.0		3.8			
		900	21.9	16.7	31.0		3.6			



		1900	20.7	16.8	30.0		3.7			
		2100	20.5	17.2	29.5		3.7			
		2450	19.8	15.4	29.0		3.9			
BG18D	50-4000	500	24.3	19.5	36.0	7dBm	4.2	5.0	83	SOT89
		900	24.1	19.5	35.0		4.2			
		1900	22.2	19.0	32.0		4.3			
		2450	20.8	17.3	30.5		4.5			
BBA02	40-6000	70	17.2	22.6	36.5	5dBm	2.8	5.0	90	SOT89
		900	16.6	23.1	38.0		2.4			
		2140	15.6	23.2	35.0		2.9			
		3500	14.5	21.2	33.0		3.2			
		5800	13.5	17.2	28.5		5.2			

