

75Ω HBT Amplifiers



Part No.	BW (MHz)	Freq. (MHz)	Gain(dB)	CSO (dBc)	CTB (dBc)	OIP3/Tone (dBm)	P1 (dBm)	NF (dB)	Vc (V)	Ic (mA)	PKG
BG11C	45-2200	950	22.1	-	-	33.0	6dBm	18.8	5.0	48	SOT89
		1250	21.9			31.7		18.0			
		1550	21.6			31.6		17.8			
		2150	20.6			30.5		17.7			
BG14A	45-2200	100	17.0	60.5	79.5	42.6	9dBm	19.2	5.0	85	SOT89
		300	16.8	64.0	80.0	39.4		19.4			
		800	16.4	66.5	80.4	37.4		19.4			
		2150	15.3	-	-	33.2		19.2			
BG17C	45-2200	950	17.6	-	-	31.7	2dBm	16.7	5.0	55	SOT89
		1250	17.4			32.7		17.0			
		1550	17.0			32.4		18.0			
		2150	15.6			30.6		17.1			
BG18C	45-2200	950	22.0	-	-	34.9	7dBm	19.8	5.0	73	SOT89
		1250	22.0			33.5		19.6			
		1550	21.6			33.2		19.4			
		2150	20.5			31.4		18.4			
BG20B	45-800	50	21.5	54.0	80.2	33.4	13dBm	20.2	5.0	105	SOT89
		100	21.6	54.2	80.3	34.4		20.6			
		300	21.4	57.8	78.2	35.4		20.5			
		600	20.8	65.3	79.6	30.6		19.6			
BIG8	45-800	50	26.9	60.3	79.1	43.1	8dBm	20.4	5.0	100	SOT89
		100	26.9	61.2	79.3	43.8		20.8			
		300	26.4	61.5	80.0	40.8		20.8			
		600	25.0	57.9	80.9	39.2		20.0			
BNT02	45-2200	100	20.9	61.0	74.0	38.9	5dBm	21.5	5.0	85	SOT89
		300	20.7	63.0	74.0	41.1		21.6			
		800	20.1	61.5	76.0	38.2		21.4			
		1550	19.5	-	-	37.6		21.5			