

## BUC Product Selection Guide

Products	Category	Part No.	Input Frequency	LO Frequency	Output Frequency	Output Power	Phase Noise @1KHz	Gain	DC Power	Dimension Weight
Ku-band 8W BUC	Mini	MM-T1308G	950 - 1200 MHz	12.80GHz	13.75 - 14.50 GHz	+39dBm (Psat)	-75dBc/Hz	65dB typ Δ15dB 0.5dB step	50W	150 x 100 x 65 mm / 1.5kg
		MM-T1408G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
	Mobility	M-T1208	950 - 1450 MHz	11.80GHz	12.75 - 13.25 GHz	+39dBm (P1dB)	-73dBc/Hz	62dB typ Δ15dB 0.5dB step	85W	180 x 130 x 80 mm / 2.4kg
		M-T1308	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz					
		M-T1408	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
		M-T14E08	950 - 1700 MHz	13.05GHz	14.00 - 14.75 GHz					
Ku-band 16W BUC	Mini	MM-T1316G	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz	+42dBm (Psat)	-75dBc/Hz	65dB typ Δ15dB 0.5dB step	100W	150 x 100 x 65 mm / 1.5kg
		MM-T1416G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
	Mobility	M-T1216	950 - 1450 MHz	11.80GHz	12.75 - 13.25 GHz	+42dBm (P1dB)	-73dBc/Hz	65dB typ Δ15dB 0.5dB step	150W	180 x 130 x 80 mm / 2.4kg
		M-T1316	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz					
		M-T1416	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
		M-T14E16	950 - 1700 MHz	13.05GHz	14.00 - 14.75 GHz					
Ku-band 25W BUC	Mobility	M-T1325G	950 - 1450 MHz	12.80GHz	13.75 - 14.50 GHz	+44dBm (Psat)	-73dBc/Hz	70dB typ Δ15dB 0.5dB step	180W	180 x 130 x 118 mm / 2.9kg
		M-T1425G	950 - 1700 MHz	13.05GHz	14.00 - 14.50 GHz					
Ku-band 40W BUC	Standard	M-T1240G	950 - 1450 MHz	11.80GHz	12.75 - 13.25 GHz	+46dBm (Psat)	-73dBc/Hz	73dB typ Δ15dB 0.5dB step	350W	280 x 160.6 x 150 mm / 8.0kg
		M-T1340G	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz					
		M-T1440G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
Ku-band 50W BUC	Standard	T1350G	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz	+47dBm (P1dB)	-73dBc/Hz	73dB typ Δ15dB 0.5dB step	380W	281.5 x 160.0 x 149.9 mm / 8.0kg
		T1450G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
Ku-band 60W BUC	Standard	T1360G	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz	+47.8dBm (Psat)	-73dBc/Hz	73dB typ Δ15dB 0.5dB step	540W	305 x 180 x 150 mm / 13.0kg
		T1460G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
Ku-band 100W BUC	Standard	T13100G	950 - 1700 MHz	12.80GHz	13.75 - 14.50 GHz	+50dBm (Psat)	-80dBc/Hz	80dB typ Δ15dB 0.5dB step	650W	340 x 220 x 200 mm / 15.0kg
		T14100G	950 - 1450 MHz	13.05GHz	14.00 - 14.50 GHz					
X-band 10W BUC	Mobility	M-T8010	950 - 1450 MHz	6.95GHz	7.90 - 8.40 GHz	+40dBm (P1dB)	-73dBc/Hz	65dB typ Δ15dB 0.5dB step	90W	180 x 130 x 105 mm / 2.7kg
X-band 25W BUC	Mobility	M-T8025	950 - 1450 MHz	6.95GHz	7.90 - 8.40 GHz	+44dBm (P1dB)	-73dBc/Hz	70dB typ Δ15dB 0.5dB step	200W	180 x 130 x 118 mm / 2.9kg
X-band 60W BUC	Standard	T8060G	950 - 1450 MHz	6.95GHz	7.90 - 8.40 GHz	+47.8dBm (Psat)	-73dBc/Hz	70dB typ Δ15dB 0.5dB step	350W	280 x 160.6 x 150 mm / 8.0kg
X-band 100W BUC	Standard	T80100G	950 - 1450 MHz	6.95GHz	7.90 - 8.40 GHz	+50dBm (Psat)	-75dBc/Hz	76dB typ Δ15dB 0.5dB step	650W	410 x 230 x 58 mm / 6.5kg
C-band 10W BUC	Mobility	M-T5010G	950 - 1525 MHz	4.90GHz	5.850 - 6.425 GHz	+40dBm (P1dB)	-73dBc/Hz	65dB typ Δ15dB 0.5dB step	80W	180 x 130 x 80 mm / 2.4kg
		M-T5110G	950 - 1750 MHz	4.90GHz	5.850 - 6.650 GHz					
		M-T5210G	950 - 1825 MHz	4.90GHz	5.850 - 6.725 GHz					
		M-T5310G	950 - 1750 MHz	4.775GHz	5.725 - 6.525 GHz					
		M-T5410G	975 - 1475 MHz	4.75GHz	5.725 - 6.225 GHz					
		M-T6010G	950 - 1250 MHz	5.775GHz	6.725 - 7.025 GHz					
C-band 30W BUC	Mobility	M-T5030G	950 - 1525 MHz	4.90GHz	5.850 - 6.425 GHz	+45dBm (P1dB)	-73dBc/Hz	72dB max Δ15dB 0.5dB step	200W	180 x 130 x 118 mm / 2.9kg
		M-T5130G	950 - 1750 MHz	4.90GHz	5.850 - 6.650 GHz					
		M-T5230G	950 - 1825 MHz	4.90GHz	5.850 - 6.725 GHz					
		M-T5330G	950 - 1750 MHz	4.775GHz	5.725 - 6.525 GHz					
		M-T5430G	975 - 1475 MHz	4.75GHz	5.725 - 6.225 GHz					
		M-T6030G	950 - 1250 MHz	5.775GHz	6.725 - 7.025 GHz					
C-band 60W BUC	Standard	T5060	950 - 1525 MHz	4.90GHz	5.850 - 6.425 GHz	+47.8dBm (Psat)	-73dBc/Hz	73dB max Δ15dB 0.5dB step	400W	305 x 180 x 150 mm / 13kg
		T5160	950 - 1750 MHz	4.90GHz	5.850 - 6.650 GHz					
		T5260	950 - 1825 MHz	4.90GHz	5.850 - 6.725 GHz					
		T5360	950 - 1750 MHz	4.775GHz	5.725 - 6.525 GHz					
		T5460	975 - 1475 MHz	4.75GHz	5.725 - 6.225 GHz					
		T6060	950 - 1250 MHz	5.775GHz	6.725 - 7.025 GHz					
C-band 100W BUC	Standard	T50100G	950 - 1525 MHz	4.90GHz	5.850 - 6.425 GHz	+50dBm (Psat)	-82dBc/Hz	80dB typ Δ15dB 0.5dB step	420W	284.4 x 166.6 x 160 mm / 8.0kg
		T51100G	950 - 1750 MHz	4.90GHz	5.850 - 6.650 GHz					
		T52100G	950 - 1825 MHz	4.90GHz	5.850 - 6.725 GHz					
		T53100G	950 - 1750 MHz	4.775GHz	5.725 - 6.525 GHz					