

16.5 - 17.5GHz AMPLIFIERS
Uncompensated **MLA 2567-000 Series**
Temperature Compensated **MLA 2667-000 Series**

UNCOMPENSATED SPECIFICATIONS (guaranteed @ +25°C)

Frequency Range (GHz)	Output Power at 1dB Gain Comp (dBm) Min.	Gain (dB) Min.	Gain Flatness (dB) Max.	Gain Variation with Temp (dB/°C) Max.	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
16.5 - 17.5	+12	11	±0.40	0.025	4.0	1.8	100	A1, A2	MLA 2567-101
		22	±0.50	0.050	4.0	1.8	200	B1, B2	MLA 2567-102
		33	±0.50	0.075	4.0	1.8	300	B1, B2	MLA 2567-103
		44	±0.50	0.100	4.0	1.8	400	C1, C2	MLA 2567-104
	+18	10	±0.40	0.025	7.0	1.6	150	A1, A2	MLA 2567-201
		21	±0.50	0.050	6.0	1.6	250	B1, B2	MLA 2567-202
		32	±0.50	0.075	6.0	1.6	350	B1, B2	MLA 2567-203
		43	±0.50	0.100	6.0	1.6	450	C1, C2	MLA 2567-204
	+21	10	±0.50	0.025	8.0	1.6	200	A1, A2	MLA 2567-301
		21	±0.50	0.050	7.0	1.6	300	B1, B2	MLA 2567-302
		32	±0.50	0.075	6.0	1.6	400	B1, B2	MLA 2567-303
		43	±0.50	0.100	6.0	1.6	500	C1, C2	MLA 2567-304
	+26	9	±0.50	0.025	9.0	1.8	300	A1, A2	MLA 2567-401
		19	±0.50	0.050	8.0	1.8	400	B1, B2	MLA 2567-402
		30	±0.50	0.075	7.0	1.8	500	B1, B2	MLA 2567-403
		40	±0.50	0.100	6.0	1.8	600	C1, C2	MLA 2567-404

TEMPERATURE COMPENSATED SPECIFICATIONS (guaranteed -55°C to +95°C)

Frequency Range (GHz)	Output Power at 1dB Gain Comp (dBm) Min.	Gain (dB) Min.	Gain Flatness (dB) Max.	Gain Variation with Temp (dB/°C) Max.	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
16.5 - 17.5	+12	9	±0.40	±0.50	5.0	1.8	100	A1, A2	MLA 2667-101
		18	±0.50	±1.00	5.0	1.8	200	B1, B2	MLA 2667-102
		28	±0.50	±1.50	5.0	1.8	300	C1, C2	MLA 2667-103
		38	±0.50	±2.00	5.0	1.8	400	C1, C2	MLA 2667-104
	+18	8	±0.40	±0.50	8.0	1.6	150	A1, A2	MLA 2667-201
		17	±0.50	±1.00	7.0	1.6	250	B1, B2	MLA 2667-202
		27	±0.50	±1.50	7.0	1.6	350	C1, C2	MLA 2667-203
		37	±0.50	±2.00	7.0	1.6	450	C1, C2	MLA 2667-204
	+21	8	±0.50	±0.50	9.0	1.6	200	A1, A2	MLA 2667-301
		17	±0.50	±1.00	8.0	1.6	300	B1, B2	MLA 2667-302
		27	±0.50	±1.50	7.0	1.6	400	C1, C2	MLA 2667-303
		36	±0.50	±2.00	7.0	1.6	500	C1, C2	MLA 2667-304
	+26	7	±0.50	±0.50	10.0	1.8	300	A1, A2	MLA 2667-401
		16	±0.50	±1.00	9.0	1.8	400	B1, B2	MLA 2667-402
		25	±0.50	±1.50	8.0	1.8	500	C1, C2	MLA 2667-403
		34	±0.50	±2.00	7.0	1.8	600	C1, C2	MLA 2667-404