

Uncompensated
Temperature Compensated

MLA 2563-000 Series
MLA 2663-000 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)	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
13.3 - 14.0	+12	13	±0.30	0.024	2.5	1.8	100	A1, A2	MLA 2563-101
		20	±0.40	0.036	2.5	1.8	150	A1, A2	MLA 2563-102
		33	±0.50	0.060	2.5	1.8	250	B1, B2	MLA 2563-103
		40	±0.50	0.072	2.5	1.8	300	C1, C2	MLA 2563-104
	+18	11	±0.30	0.024	6.0	1.6	150	A1, A2	MLA 2563-201
		18	±0.40	0.036	5.0	1.6	200	A1, A2	MLA 2563-202
		31	±0.50	0.060	5.0	1.6	300	B1, B2	MLA 2563-203
		38	±0.50	0.072	5.0	1.6	400	C1, C2	MLA 2563-204
	+21	10	±0.40	0.024	7.0	1.6	200	A1, A2	MLA 2563-301
		17	±0.50	0.036	6.0	1.6	250	A1, A2	MLA 2563-302
		30	±0.50	0.060	5.0	1.6	350	B1, B2	MLA 2563-303
		37	±0.50	0.072	5.0	1.6	450	C1, C2	MLA 2563-304
	+26	9	±0.40	0.024	8.0	1.8	250	A1, A2	MLA 2563-401
		16	±0.50	0.036	7.0	1.8	300	A1, A2	MLA 2563-402
		29	±0.50	0.060	6.0	1.8	400	B1, B2	MLA 2563-403
		36	±0.50	0.072	5.5	1.8	500	C1, C2	MLA 2563-404

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) Max.	Noise Figure (dB) Max.	Input and Output VSWR Max.	DC Current at +15V (mA)	Package Styles	Part Number
13.3 - 14.0	+12	11	±0.40	±0.50	3.5	1.8	100	A1, A2	MLA 2663-101
		17	±0.50	±1.00	3.5	1.8	150	B1, B2	MLA 2663-102
		29	±0.50	±1.50	3.5	1.8	250	C1, C2	MLA 2663-103
		40	±0.50	±2.00	3.5	1.8	300	C1, C2	MLA 2663-104
	+18	9	±0.40	±0.50	8.0	1.6	150	A1, A2	MLA 2663-201
		14	±0.50	±1.00	7.0	1.6	200	B1, B2	MLA 2663-202
		25	±0.50	±1.50	6.0	1.6	300	C1, C2	MLA 2663-203
		36	±0.50	±2.00	6.0	1.6	400	C1, C2	MLA 2663-204
	+21	8	±0.40	±0.50	9.0	1.6	200	A1, A2	MLA 2663-301
		13	±0.50	±1.00	8.0	1.6	250	B1, B2	MLA 2663-302
		24	±0.50	±1.50	7.0	1.6	350	C1, C2	MLA 2663-303
		35	±0.50	±2.00	6.0	1.6	450	C1, C2	MLA 2663-304
	+26	7	±0.40	±0.50	10.0	1.8	250	A1, A2	MLA 2663-401
		12	±0.50	±1.00	9.0	1.8	300	B1, B2	MLA 2663-402
		23	±0.50	±1.50	8.0	1.8	400	C1, C2	MLA 2663-403
		34	±0.50	±2.00	7.0	1.8	500	C1, C2	MLA 2663-404