

Uncompensated
Temperature Compensated

MLA 2562-000 Series
MLA 2662-000 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
12.8 - 13.3	+12	13	±0.30	0.024	2.5	1.8	100	A1, A2	MLA 2562-101
		20	±0.40	0.036	2.5	1.8	150	A1, A2	MLA 2562-102
		33	±0.50	0.060	2.5	1.8	250	B1, B2	MLA 2562-103
		40	±0.50	0.072	2.5	1.8	300	C1, C2	MLA 2562-104
	+18	11	±0.30	0.024	6.0	1.6	150	A1, A2	MLA 2562-201
		18	±0.40	0.036	5.0	1.6	200	A1, A2	MLA 2562-202
		31	±0.50	0.060	5.0	1.6	300	B1, B2	MLA 2562-203
		38	±0.50	0.072	5.0	1.6	400	C1, C2	MLA 2562-204
	+21	10	±0.40	0.024	7.0	1.6	200	A1, A2	MLA 2562-301
		17	±0.50	0.036	6.0	1.6	250	A1, A2	MLA 2562-302
		30	±0.50	0.060	5.0	1.6	350	B1, B2	MLA 2562-303
		37	±0.50	0.072	5.0	1.6	450	C1, C2	MLA 2562-304
	+26	9	±0.40	0.024	8.0	1.8	250	A1, A2	MLA 2562-401
		16	±0.50	0.036	7.0	1.8	300	A1, A2	MLA 2562-402
		29	±0.50	0.060	6.0	1.8	400	B1, B2	MLA 2562-403
		36	±0.50	0.072	5.5	1.8	500	C1, C2	MLA 2562-404

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
12.8 - 13.3	+12	11	±0.40	±0.50	3.5	1.8	100	A1, A2	MLA 2662-101
		17	±0.50	±1.00	3.5	1.8	150	B1, B2	MLA 2662-102
		29	±0.50	±1.50	3.5	1.8	250	C1, C2	MLA 2662-103
		40	±0.50	±2.00	3.5	1.8	300	C1, C2	MLA 2662-104
	+18	9	±0.40	±0.50	8.0	1.6	150	A1, A2	MLA 2662-201
		14	±0.50	±1.00	7.0	1.6	200	B1, B2	MLA 2662-202
		25	±0.50	±1.50	6.0	1.6	300	C1, C2	MLA 2662-203
		36	±0.50	±2.00	6.0	1.6	400	C1, C2	MLA 2662-204
	+21	8	±0.40	±0.50	9.0	1.6	200	A1, A2	MLA 2662-301
		13	±0.50	±1.00	8.0	1.6	250	B1, B2	MLA 2662-302
		24	±0.50	±1.50	7.0	1.6	350	C1, C2	MLA 2662-303
		35	±0.50	±2.00	6.0	1.6	450	C1, C2	MLA 2662-304
	+26	7	±0.40	±0.50	10.0	1.8	250	A1, A2	MLA 2662-401
		12	±0.50	±1.00	9.0	1.8	300	B1, B2	MLA 2662-402
		23	±0.50	±1.50	8.0	1.8	400	C1, C2	MLA 2662-403
		34	±0.50	±2.00	7.0	1.8	500	C1, C2	MLA 2662-404

M/A-COM Ltd, Humphrys Road, Dunstable, Bedfordshire, LU5 4SX United Kingdom.

Europe: (44) 1344 869595

North America: 800 366 2266

Asia Pacific: (81) 3 3226 1671