

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
8.5 - 9.5	+12	10	±0.30	0.012	1.5	1.8	80	A1, A2	MLA 2555-101
		20	±0.40	0.024	1.5	1.8	160	A1, A2	MLA 2555-102
		30	±0.50	0.036	1.5	1.8	240	B1, B2	MLA 2555-103
		40	±0.50	0.050	1.5	1.8	320	B1, B2	MLA 2555-104
	+18	10	±0.30	0.012	4.0	1.6	100	A1, A2	MLA 2555-201
		20	±0.40	0.024	4.0	1.6	180	A1, A2	MLA 2555-202
		30	±0.50	0.036	4.0	1.6	260	B1, B2	MLA 2555-203
		40	±0.50	0.050	4.0	1.6	340	B1, B2	MLA 2555-204
	+21	10	±0.30	0.012	5.0	1.6	120	A1, A2	MLA 2555-301
		20	±0.40	0.024	4.0	1.6	220	A1, A2	MLA 2555-302
		30	±0.50	0.036	4.0	1.6	300	B1, B2	MLA 2555-303
		40	±0.50	0.050	4.0	1.6	380	B1, B2	MLA 2555-304
	+26	8	±0.30	0.012	6.0	1.8	280	A1, A2	MLA 2555-401
		18	±0.40	0.024	5.0	1.8	400	A1, A2	MLA 2555-402
		28	±0.50	0.036	4.0	1.8	480	B1, B2	MLA 2555-403
		38	±0.50	0.050	4.0	1.8	560	B1, B2	MLA 2555-404
	+28	7	±0.50	0.012	8.0	1.8	400	A1, A2	MLA 2555-501
		16	±0.75	0.024	7.0	1.8	600	A1, A2	MLA 2555-502
		26	±1.00	0.036	6.0	1.8	700	B1, B2	MLA 2555-503
		36	±1.00	0.050	5.0	1.8	800	B1, B2	MLA 2555-504

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
8.5 9.5	+12	8	±0.30	±0.50	2.5	1.8	80	A1, A2	MLA 2655-101
		17	±0.40	±0.75	2.5	1.8	160	A1, A2	MLA 2655-102
		26	±0.50	±1.00	2.5	1.8	240	B1, B2	MLA 2655-103
		35	±0.50	±1.50	2.5	1.8	320	B1, B2	MLA 2655-104
	+18	8	±0.30	±0.50	6.0	1.6	100	A1, A2	MLA 2655-201
		17	±0.40	±0.75	5.0	1.6	180	A1, A2	MLA 2655-202
		26	±0.50	±1.00	5.0	1.6	260	B1, B2	MLA 2655-203
		35	±0.50	±1.50	5.0	1.6	340	B1, B2	MLA 2655-204
	+21	7	±0.30	±0.50	7.0	1.6	120	A1, A2	MLA 2655-301
		16	±0.40	±0.75	6.0	1.6	220	A1, A2	MLA 2655-302
		25	±0.50	±1.00	5.0	1.6	300	B1, B2	MLA 2655-303
		34	±0.50	±1.50	5.0	1.6	380	B1, B2	MLA 2655-304
	+26	6	±0.30	±0.50	8.0	1.8	280	A1, A2	MLA 2655-401
		15	±0.40	±0.75	7.0	1.8	400	A1, A2	MLA 2655-402
		24	±0.50	±1.00	6.0	1.8	480	B1, B2	MLA 2655-403
		33	±0.50	±1.50	5.0	1.8	560	B1, B2	MLA 2655-404
	+28	6	±0.50	±0.50	9.0	1.8	400	A1, A2	MLA 2655-501
		14	±0.75	±0.75	8.0	1.8	600	A1, A2	MLA 2655-502
		24	±1.00	±1.00	7.0	1.8	700	B1, B2	MLA 2655-503
		32	±1.00	±1.50	6.0	1.8	800	B1, B2	MLA 2655-504

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