

Technical drawing of the 1000 Series 100W Power Amplifier, showing front and side views with dimensions in inches and millimeters.

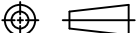
Front View Dimensions:

- Overall Width: 2.900 [73.66]
- Distance from Left Edge to SMA Connector Center: .250 [6.35] TYP
- Distance from SMA Connector Center to Right Edge: 1.800 [45.72]
- Distance from Left Edge to Mounting Hole Center: .550 [13.97]
- Distance from Mounting Hole Center to Right Edge: .570 [14.48] MAX.
- Distance from Right Edge to Mounting Hole Center: .100 [2.54] TYP
- Distance from Left Edge to Mounting Hole Center: .400 [10.16] TYP
- Mounting Holes: 2X ϕ .104 [ϕ 2.64] THRU
- Connector Type: 3X SMA FEMALE

Side View Dimensions:

- Overall Height: .650 [16.51]
- Distance from Top Edge to SMA Connector Center: .200 [5.08] TYP
- Distance from Bottom Edge to Mounting Hole Center: .400 [10.16]

Frequency Range: 0.8–2.3 GHz
VSWR: 1.25:1 Max.
Coupling: 20±1.25dB
Insertion Loss: 0.45dB Max.
Directivity: 20dB Min.
Frequency Sensitivity: ±0.5dB
Power Incident, Reflected: 50W, 50W, 1kW Peak

MATERIAL:		 MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM		SCALE: N/A SHEET: N/A	
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.05$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE: DIRECTIONAL COUPLER	
		PART NO. C37-20			
DRAWN: Paiboon Luekhamhan	DATE: 10-01-1999	PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		CAGE CODE:	SIZE: A REV: A
APPROVED: T. Nguyen	DATE: 10-01-1999	THIRD ANGLE PROJECTION 		OD2L5	DWG NO. 84601
				DO NOT SCALE THE DRAWING	