

4-Channel Fixed Attenuator

ZT-337

50Ω DC to 6 GHz 30 dB 100W



Product Overview

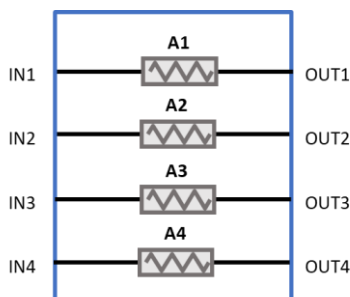
Mini-Circuits' ZT-337 high power attenuator system incorporates 4 independent fixed attenuators. Each attenuator is rated for 100W input power with 30 dB attenuation, covering all frequency bands up to 6 GHz, ideal for high power amplifier and cellular infrastructure test applications.

The system is housed in a compact 19-inch rack chassis, 3U height with N-type RF connectors on the front panel. The integrated forced air cooling system allows operation with all 4 channels running at 100W simultaneously. Other attenuation values can be offered on request.

Electrical Specifications at 25°C (per Channel)

Parameter	Conditions	Min	Typ	Max	Units
Frequency		DC		6	GHz
Attenuation	Nominal		30		dB
VSWR	DC - 2.5 GHz		1.15		:1
	2.5 - 6 GHz		1.30		
Input Power	Per port into IN ports ¹			100	W
	Per port into OUT ports			20	

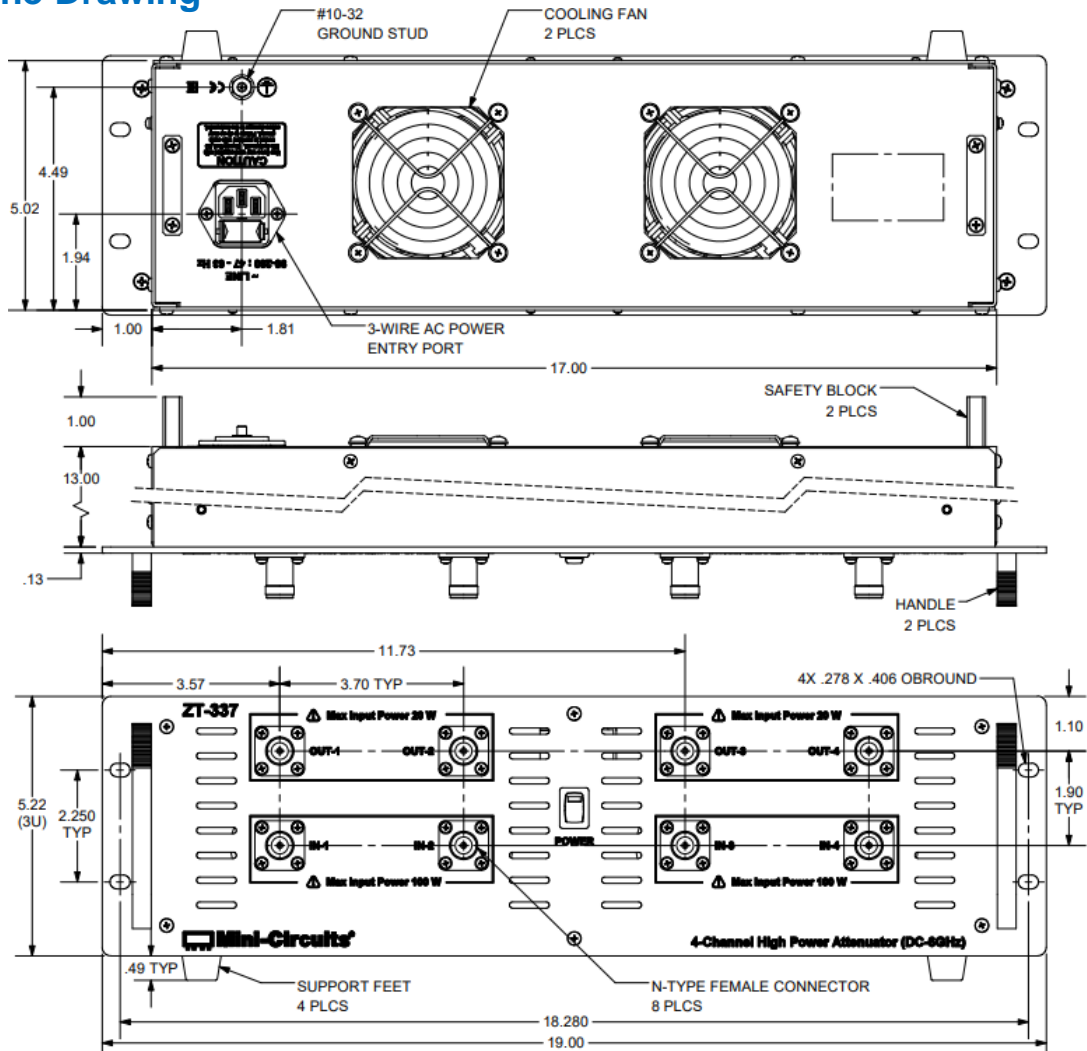
¹ De-rate linearly to 20W at 100°C



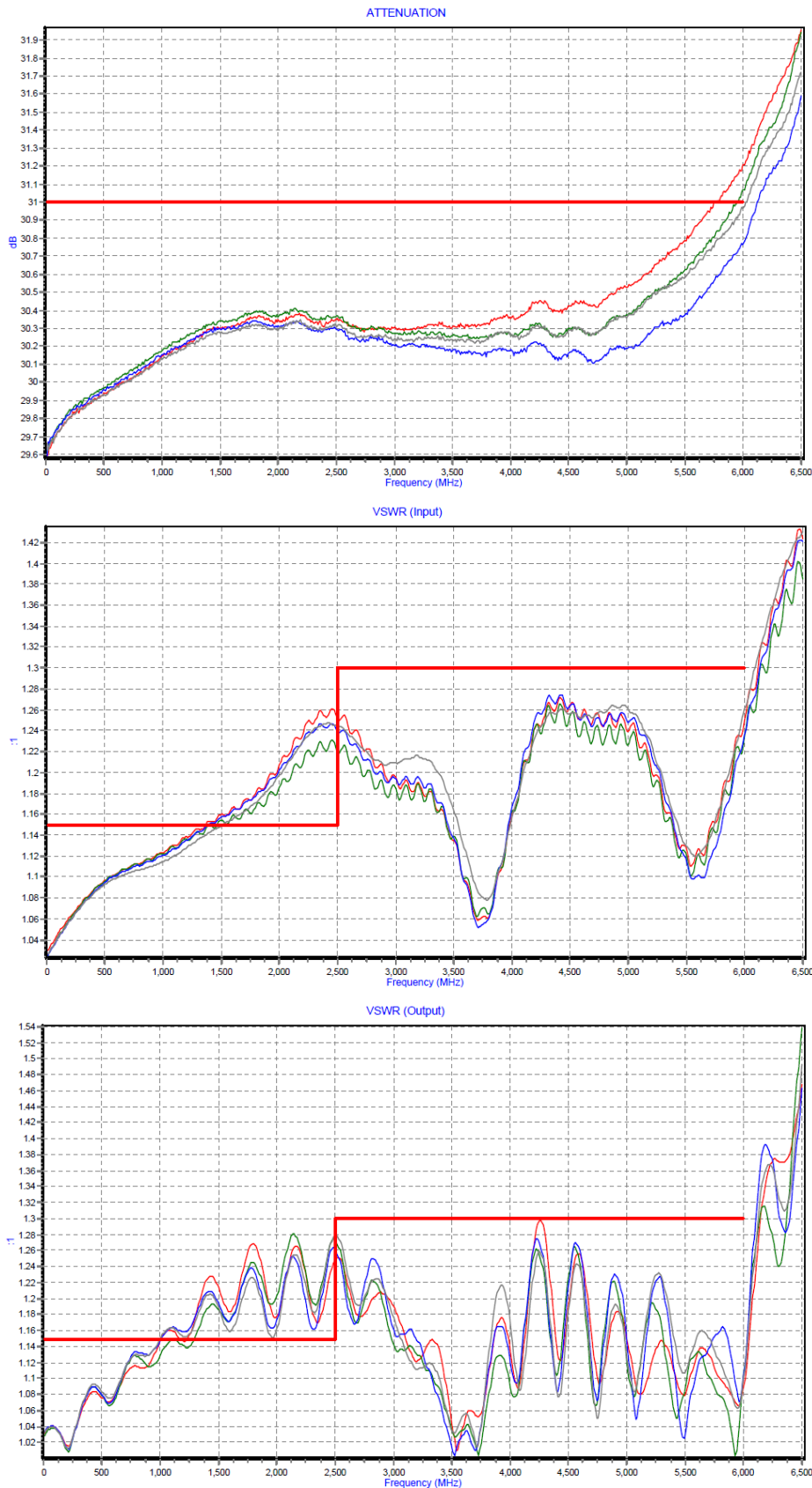
Mechanical Specifications

Dimensions	19" (W) x 3U (H) x 13" (D)			
Case Drawing	99-01-3132			
Case Material	• Aluminum (with protective coating to prevent corrosion)			
RF Connectors	Panel	Connector	Quantity	Port Labels
	Front	N-type female	8	IN1-4; OUT1-4
			4	OUT1-4
Panel Items	Front Panel		Rear Panel	
Panel Marking	<ul style="list-style-type: none"> • Model name • 4-Channel High Power Attenuator • DC - 6 GHz 		<ul style="list-style-type: none"> • CE • EAC • Serial number / date code / model name 	
Other	<ul style="list-style-type: none"> • Power on / off switch with LED • Carry handles 		<ul style="list-style-type: none"> • AC mains power input (IEC C14 inlet) • Cooling fan vents 	
Power Supply	AC mains power input (90-260 V, 47-63 Hz)			
Fuse	2A, 250V rating			
Temperature	Operating: 0 to +50 °C			

Outline Drawing



Typical Performance Data



Ordering Information

Please contact Mini-Circuits' Test Solutions department for price and availability:

testsolutions@minicircuits.com

Included Accessories

Model Name	Quantity	Description
CBL-3W-xx*	1	AC power cord (IEC C13 connector to local plug)

Cable Model	Region
CBL-3W-US	USA
CBL-3W-EU	Europe
CBL-3W-IL	Israel
CBL-3W-UK	UK
CBL-3W-AU	Australia / China

*Please specify one option on the purchase order, at no charge

Additional Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp