



RACK-MOUNTED

4 x 4-Way Splitter / Combiner Panel

ZT-341

50Ω

700 to 4000 MHz



PRODUCT OVERVIEW

Mini-Circuits panel-mounted structures provide clean, organized management of cable runs and connections in complex, high-volume test setups. Multiple connector adapters, power splitters, directional couplers and other essential RF components and test accessories can be integrated efficiently within the test system. Custom configurations are available upon request.

ZT-341 is a 1U height, rack-mountable panel incorporating 4 passive, wideband, 4-way splitter / combiners. All RF ports are BNC female, with ports 1 to 4 of each splitter on the front and the sum ports accessible from the rear.

ELECTRICAL SPECIFICATIONS @ 25°C (PER SPLITTER)

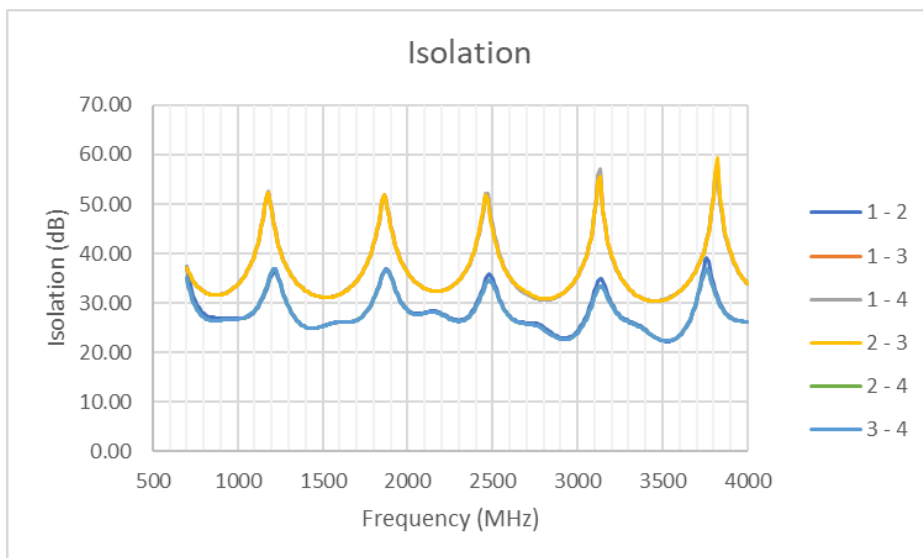
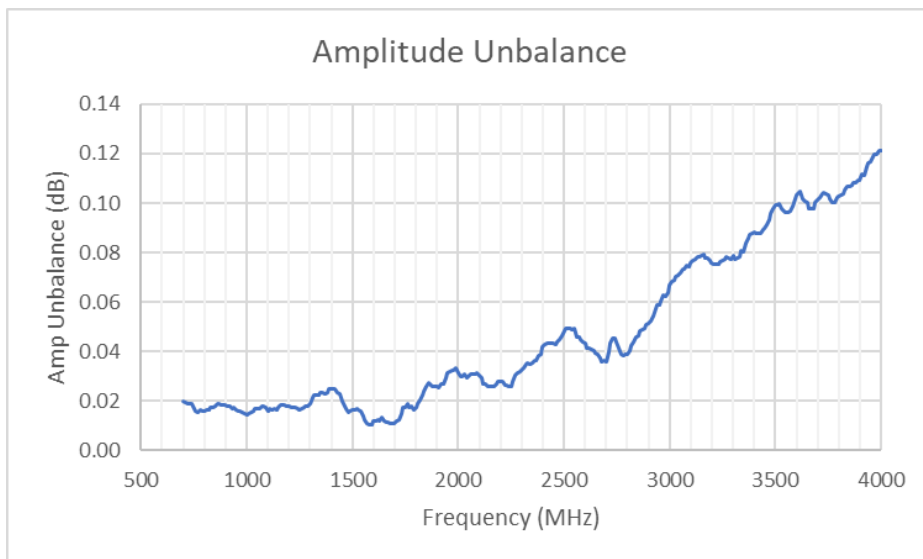
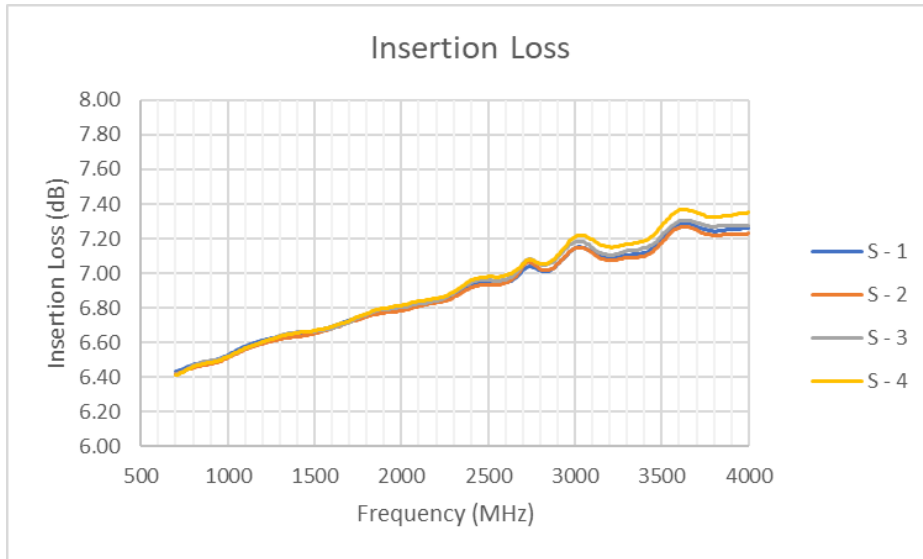
Parameter	Conditions	Min	Typ	Max	Units
Frequency		700	-	4000	MHz
Insertion Loss	Above Theoretical 6dB	-	1.5	2.5	dB
Amplitude Unbalance		-	0.3	0.5	dB
Isolation		16	22	-	dB
Return Loss	Sum Port	-	15	-	dB
	Ports 1-4	-	16	-	
Input Power	As splitter into 1.2:1 max load VSWR	-	-	30	W

MECHANICAL SPECIFICATIONS

Dimensions	19" (W) x 1U (H)			
Case Drawing	99-01-3204			
Case Material	Aluminum (with protective coating to prevent corrosion)			
RF Connectors	Panel	Connector	Quantity	Port Labels
	Front	BNC female	16	Splitters A-D (1-4 each)
	Rear	BNC female	4	None
	Front Panel			Rear Panel
Panel Marking	• ZT-341			• CE / EAC • Serial number / date code / model name
Temperature	Operating: 0 to +50 °C			



TYPICAL PERFORMANCE DATA

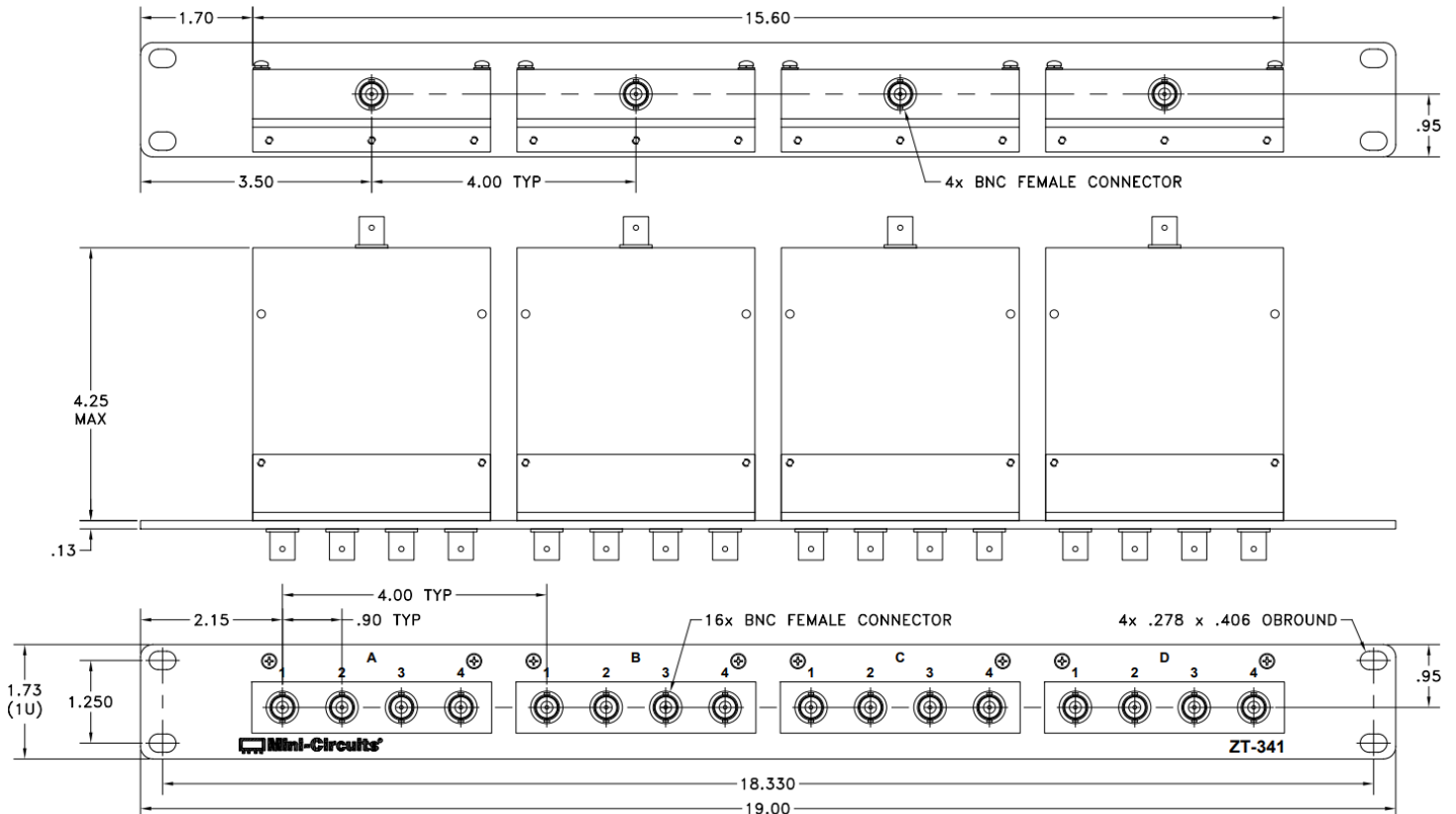




TYPICAL PERFORMANCE DATA



OUTLINE DRAWING





Mini-Circuits

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ORDERING INFORMATION

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

testsolutions@minicircuits.com

NOTES

- A. 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.
- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- C. 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

