RACK-MOUNTED

4 x 4-Way Splitter / Combiner Panel ZT-351

50Ω 10 to 40 GHz

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-351 is a 1U height, rack-mountable panel incorporating 4 passive, wideband, 4-way splitter / combiners. All RF ports are 2.92 mm female and accessible on the front panel.

ELECTRICAL SPECIFICATIONS @ 25°C (PER SPLITTER)

Parameter	Conditions	Min	Typ	Max	Units
Frequency		10	-	40	GHz
Path Loss	Above Theoretical 6dB	-	2.5	4.5	dB
Amplitude Unbalance		-	0.3	1.0	dB
Phase Unbalance		-	6	14	°
Isolation		18	22	-	dB
VSWR	Sum Port	-	1.35	1.65	dB
	Ports 1-4	-	1.30	1.65	
Input Power	As splitter	-	-	20	W
	Internal dissipation	-	-	0.5	

MECHANICAL SPECIFICATIONS

Dimensions	19" (W) x 1U (H)			
Case Drawing	99-01-3226			
Case Material	Aluminum (with protective coating to prevent corrosion)			
RF Connectors	**Panel**	**Connector**	**Quantity**	**Port Labels**
	Front	2.92 mm female	20	Splitters A-D (S & 1-4 each)
	Front Panel			**Rear Panel**
Panel Marking	• ZT-351 • 10-40 GHz			• CE / EAC / UKCA • Serial number / date code / model name
Temperature	Operating: 0 to +50 °C			

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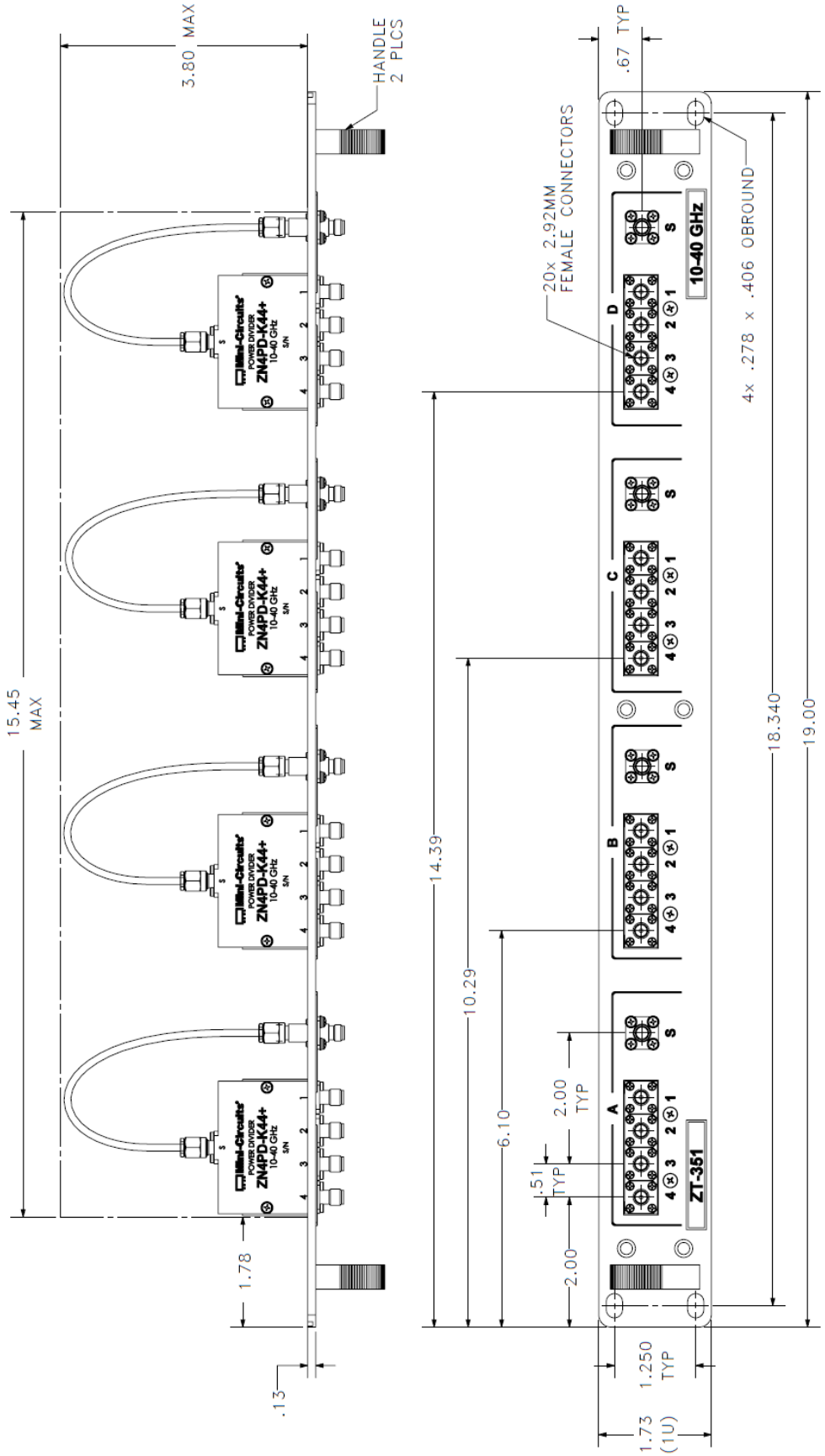
OUTLINE DRAWING



ORDERING INFORMATION

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

testsolutions@minicircuits.com

Revision	Updates	Date	Creator	Reviewer
1	Initial web datasheet	17-Mar-21	LW	

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