

Engineering Development Model

Fixed Attenuator

DC Passing

SAT-EDU1964

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



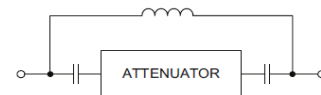
FF99

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Freq.Range (Attenuation - 3 dB Typ)	100		500	MHz
Flatness		±0.5		MHz
Passband VSWR		1.18		(:1)

Functional Schematic

MAXIMUM RATINGS	
Operating Temperature	-45°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	10mW
Max DC Current	3A



PIN CONNECTIONS

Input	SMA Female
Output	SMA Male

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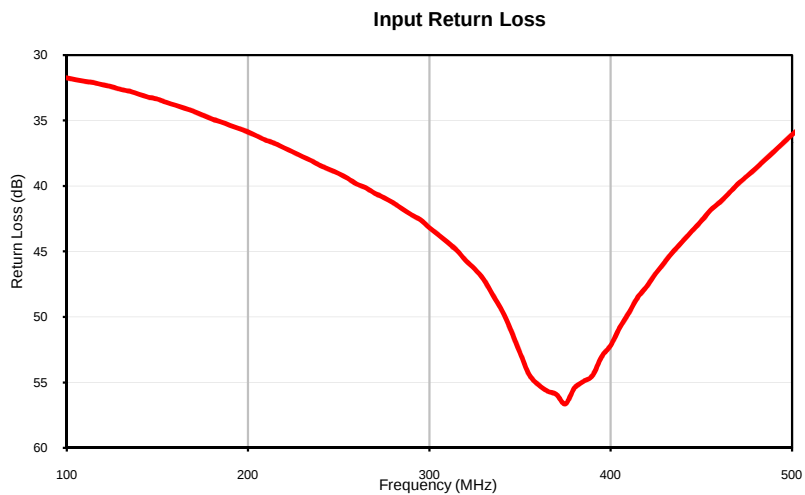
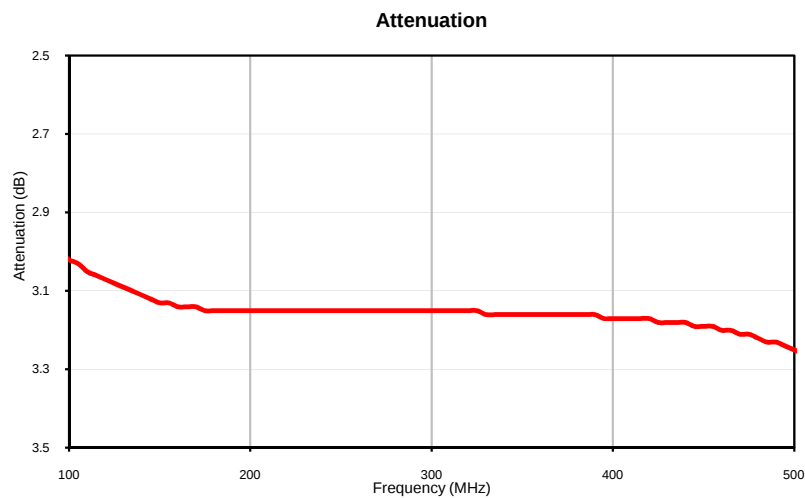
Typical Performance Data

FREQUENCY (MHz)	ATTENUATION (dB)	VSWR (:1)
100	3.02	31.74
120	3.07	32.28
140	3.11	32.99
150	3.13	33.36
170	3.14	34.30
190	3.15	35.36
200	3.15	35.87
220	3.15	37.09
240	3.15	38.45
250	3.15	39.05
270	3.15	40.56
290	3.15	42.19
300	3.15	43.18
320	3.15	45.68
340	3.16	49.50
350	3.16	52.75
370	3.16	55.92
390	3.16	54.48
400	3.17	52.18
420	3.17	47.66
440	3.18	44.18
450	3.19	42.69
470	3.21	39.86
500	3.25	36.10

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Typical Performance Curves



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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URJ
151222
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FF56
FF99

Outline Dimensions



CASE #.	A	B	C	D	E	WT GRAMS
FF56	--	.46 (11.68)	--	1.70 (43.18)	.312 (7.92)	18.0
FF99	--	.70 (17.78)	--	1.98 (50.29)		42.0

Dimensions are in inches (mm). Tolerances: 2Pl. ± .03; 3Pl. ± .015

Notes:

1. Case material: Brass.
2. Case finish: Nickel plate.