

Engineering Development Model

Fixed Attenuator

SAT-EDU1966

DC Passing

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

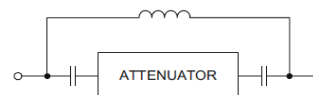
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Freq.Range (Attenuation - 10 dB Typ)	100		500	MHz
Flatness		±0.5		MHz
Passband VSWR		1.20		(: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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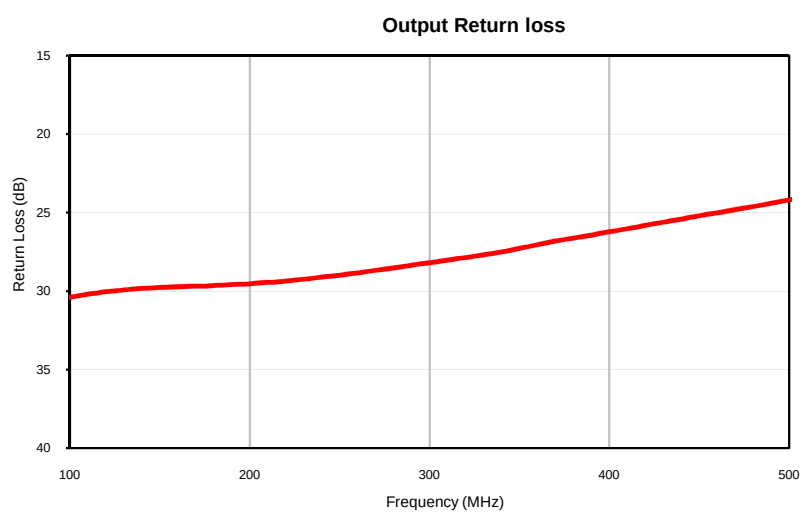
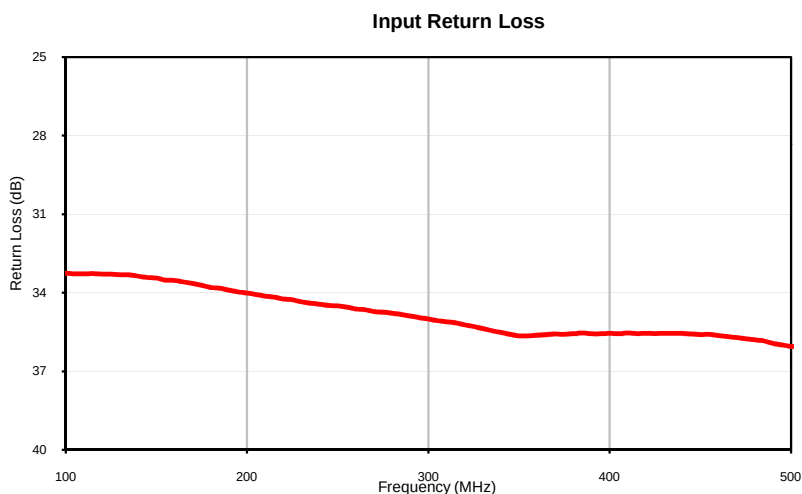
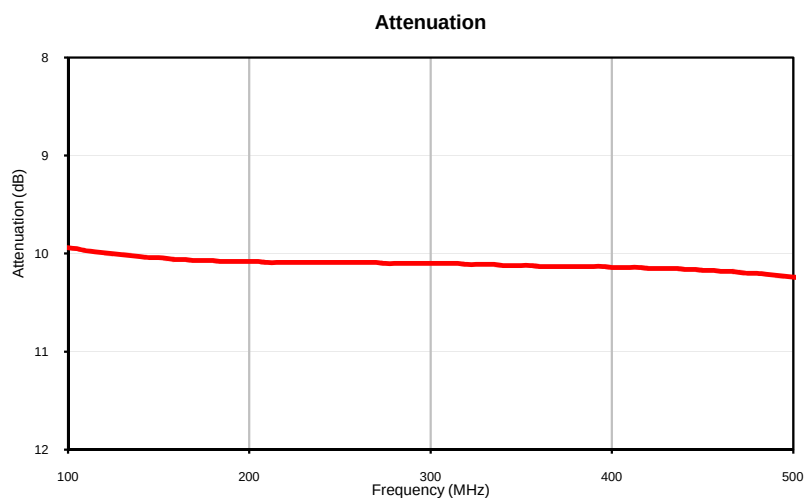
Typical Performance Data

FREQUENCY (MHz)	ATTENUATION (dB)	VSWR (:1)
100	9.94	33.25
120	9.99	33.29
140	10.03	33.37
150	10.04	33.44
170	10.07	33.65
190	10.08	33.90
200	10.08	34.01
220	10.09	34.24
240	10.09	34.44
250	10.09	34.50
270	10.09	34.72
290	10.10	34.89
300	10.10	35.00
320	10.11	35.23
340	10.12	35.52
350	10.12	35.65
370	10.13	35.58
390	10.13	35.57
400	10.14	35.55
420	10.15	35.55
440	10.16	35.55
450	10.17	35.60
470	10.19	35.71
500	10.24	36.05

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Typical Performance Curves



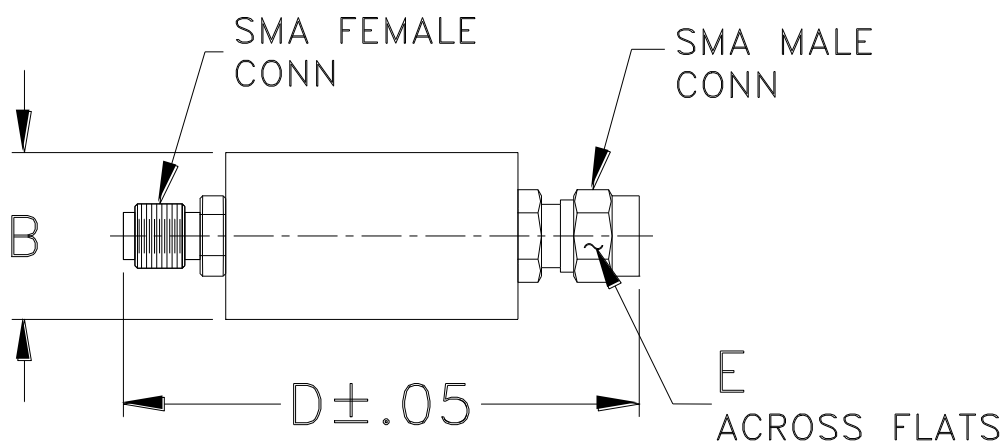
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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SAT-EDU1966
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151223
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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.