Engineering Development Model

Fixed Attenuator SAT-EDU1964

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.

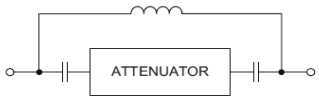
Please click "Back", and then click "Contact Us" for Applications support.

FF99

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Freq.Range (Attenuation - 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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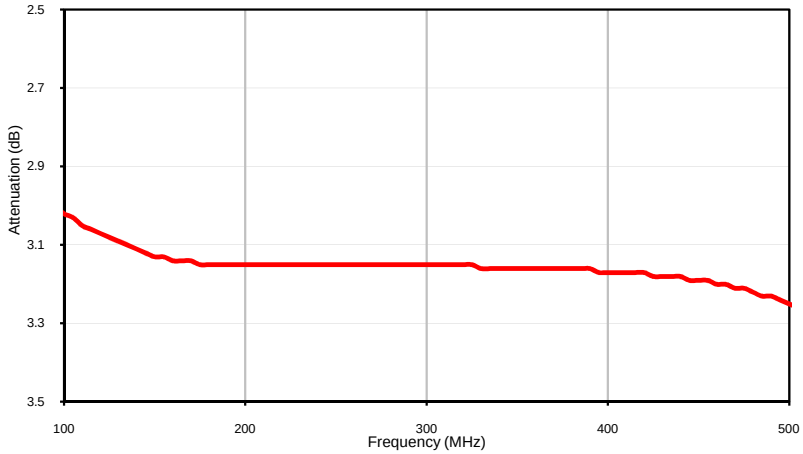
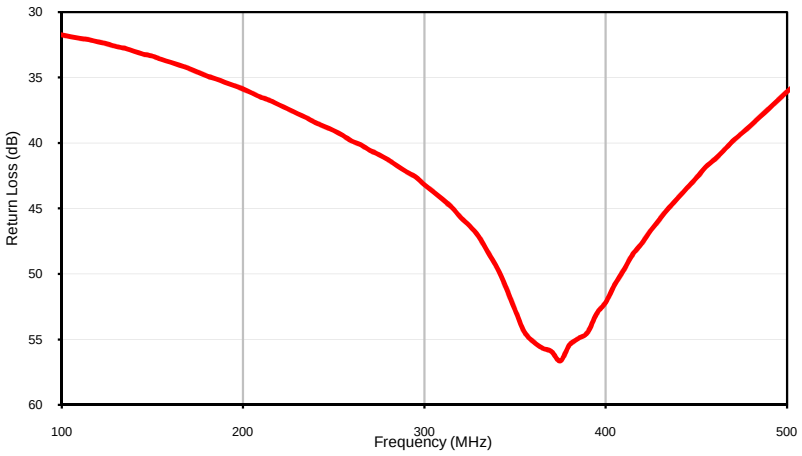
Typical Performance Curves

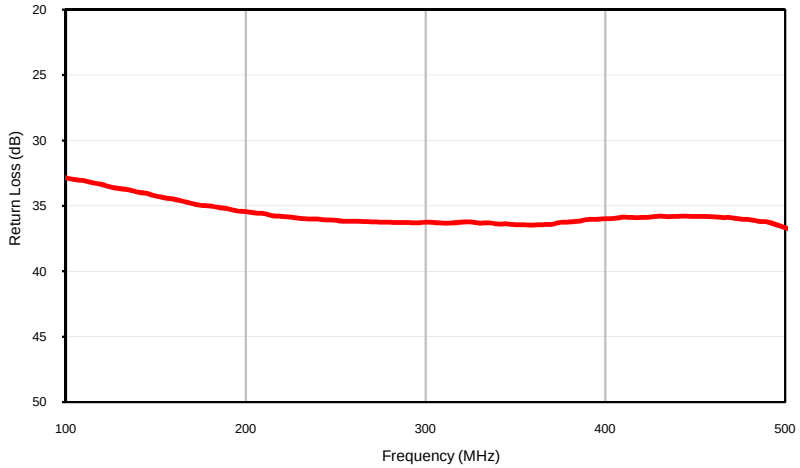
Attenuation



Input Return Loss

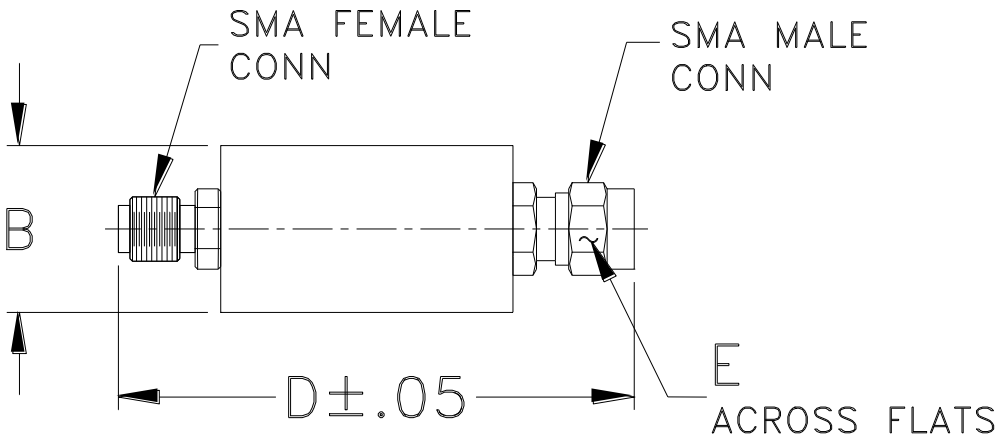


Output Return loss



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.

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