



SA-7U

The SA-7U is a versatile slide switch attenuator that operates over the frequency range of 5 to 900 MHz. It provides a total attenuation of 62 dB in 1 dB steps. This variable attenuator is a must for test bench applications.

## ○ Specifications

### SA-7U RF

Frequency Range: 5 to 900 MHz

Insertion Loss  
(Minimum Attenuation)  
@ 5 MHz: 0.25 dB  
@ 220 MHz: 0.50 dB  
@ 450 MHz: 1.00 dB  
@ 900 MHz: 1.50 dB

Attenuation  
Total: 62 dB  
Increments: 1,2,3,6,10,20,20 dB

Impedance - All Ports: 75 Ohm

Return Loss  
5 to 300 MHz: 22 dB  
300 to 800 MHz: 21 dB  
800 to 900 MHz: 14 dB

### General

Dimensions (LxWxH):  
6.25 x 2.00 x 1.13 in  
159 x 51 x 29 mm

Weight: 11 oz (313 grams)

Connectors: "F" type, female



FAF



FAM

The FAF and FAM fixed attenuators provide accurate attenuation and excellent match from 5 to 890 on the FAF's and to 1000 MHz on the FAM's. Both models are available in standard attenuation values up to 20 dB. The FAF series has F female connectors at both ends, while the FAM series has one type F male and one F female connector.

### RF

Frequency Range (MHz):  
Attenuation Values (dB):  
Impedance - All Ports (Ohm):  
Return Loss (dB)  
5 to 50 MHz:  
50 to 300 MHz:  
300 to 470 MHz:  
470 to 890 MHz:  
890 to 1000 MHz:

### FAF

5 to 890  
3, 6, 10, 20  
75  
28  
22  
20  
18  
-

### FAM

5 to 1000  
1, 2, 3, 4, 5, 6, 7, 10, 20  
75  
21  
21  
21  
17  
16

### General

Dimensions (LxO.D.):  
(in.)  
(mm)

Weight:  
(oz)  
(g)

Connectors:

2.5 x 0.5  
29 x 13

0.75 oz  
21

"F" type,  
female (2)

2.0 x 0.5  
51 x 13

0.75  
21

"F" type, female  
"F" type, male

Distribution

## ○ Ordering Information (Specify Value)

Model	Stock No.	Description
SA-7U	4121	Attenuator, Slide Switch
FAM	4006A	Fixed Attenuator Type "F", Male-Female, Values: 1, 2, 3, 4, 5, 6, 7, 10, 20 dB
FAF	3434	Fixed Attenuator, Type "F", Female - Female Values: 3, 6, 10, 20 dB