

# SA-7U, FAF & FAM

## Test Accessories



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.)                | 2.5 x 0.5            | 2.0 x 0.5                          |
| (mm)                 | 29 x 13              | 51 x 13                            |
| Weight:              |                      |                                    |
| (oz)                 | 0.75 oz              | 0.75                               |
| (g)                  | 21                   | 21                                 |
| Connectors:          | "F" type, female (2) | "F" type, female<br>"F" type, male |

### ○ 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, 6,1 0, 20 dB            |

Order From: 

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