

# Test Accessories

SA-7U, FAF & FAM



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 Ω

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

### General

Dimensions (L x W x H):  
 6.25 x 2.00 x 1.13 in.  
 159 x 51 x 29 mm  
 Weight: 11 oz., 313 grams  
 Connectors: "F" Female



FAF



FAM

The FAF and FAM fixed attenuators provide accurate attenuation and excellent match. 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 (Ω):  
 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  
 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 (L x O.D.): |            |                        |
| in.                    | 2.5 x 0.5  | 2.0 x 0.5              |
| mm                     | 29 x 13    | 51 x 13                |
| Weight:                |            |                        |
| oz                     | 0.75       | 0.75                   |
| g                      | 21         | 21                     |
| Connectors:            | "F" Female | "F" Female<br>"F" 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 dB                         |