

0 to 42 dB Step Attenuator 75 Ohm BNC Female  
Connectors Rated Up To 1,000 MHz in a Toggle Design



## FMAT1001

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75		Ohms
Attenuation Value		0 to 42		dB
Step Type		Toggle		
VSWR			1.3:1	

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 0.5	0.5 to 1				GHz
Insertion Loss	1.3	2.2				dB

### Mechanical Specifications

#### Size

Length	4.0157 in [102 mm]
Width	1.6929 in [43 mm]
Height	0.9055 in [23 mm]
Weight	0.385 lbs [174.63 g]
Body Material and Plating	Aluminum

### Connectors

Description	Connector 1	Connector 2
Type	BNC Female	BNC Female

### Environmental Specifications

#### Temperature

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

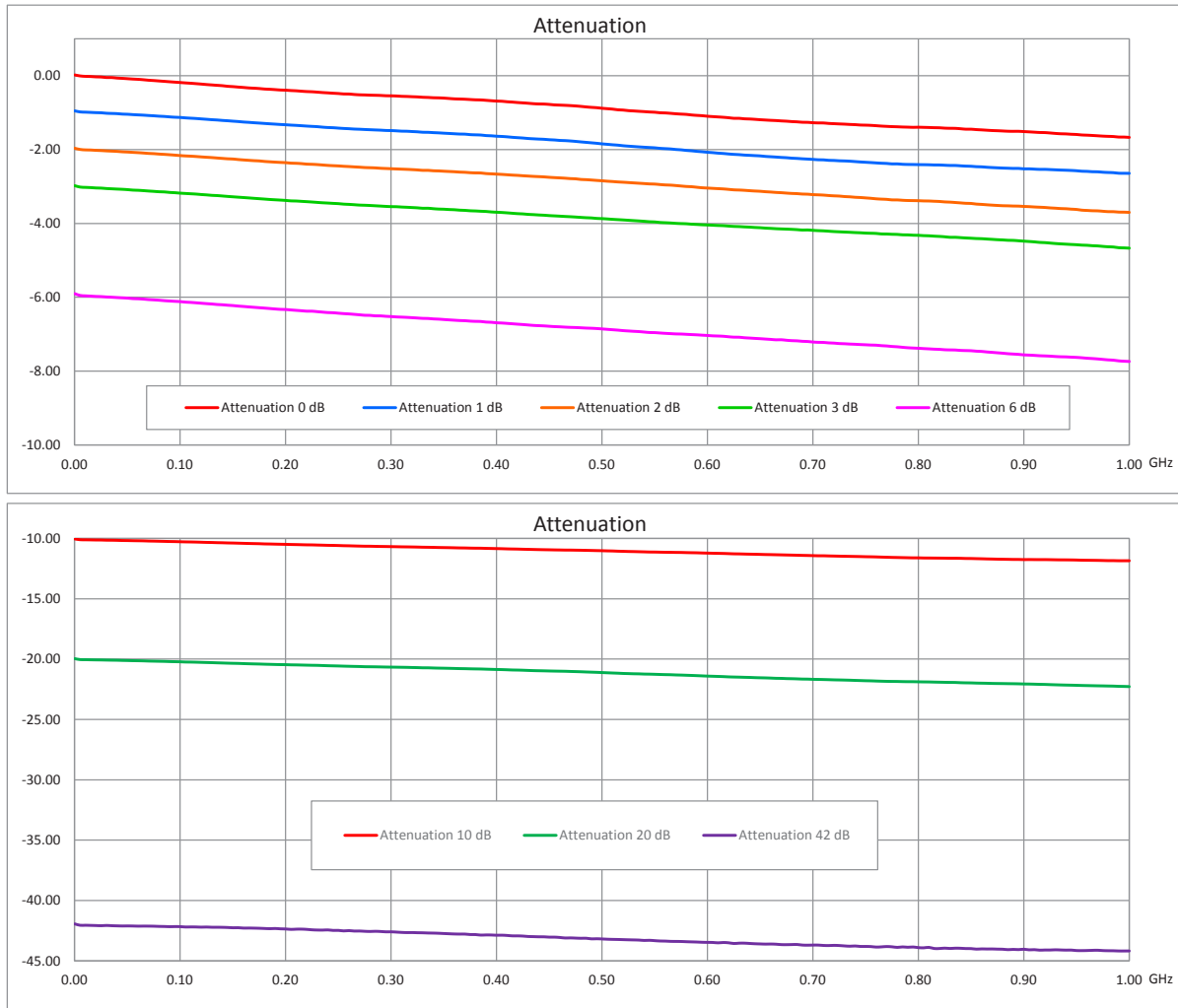
Notes:

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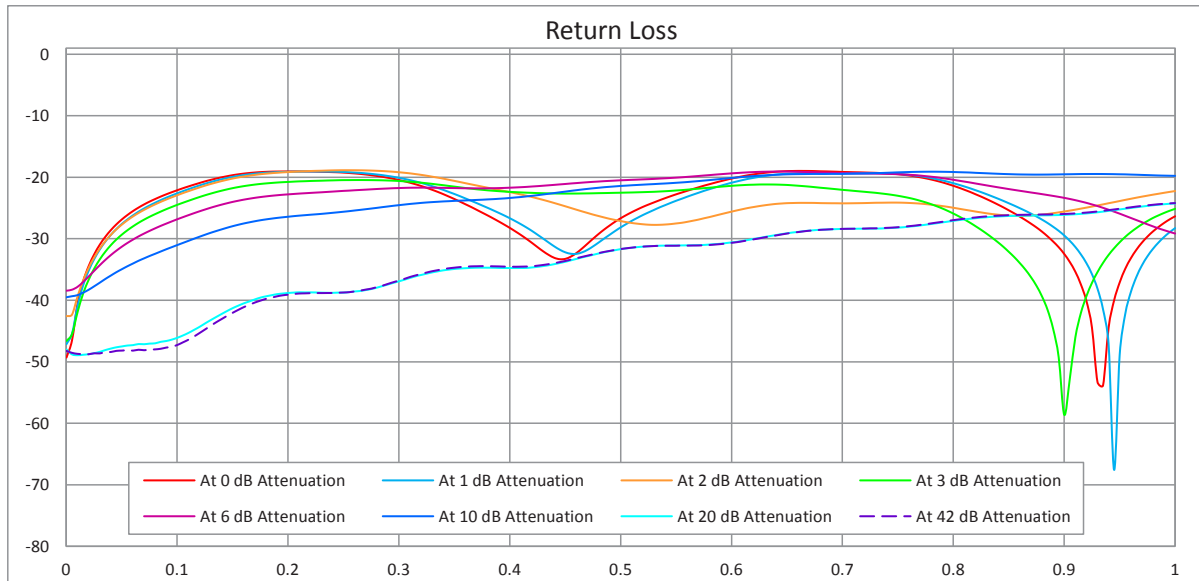
### Typical Performance Data



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0 to 42 dB Step Attenuator 75 Ohm BNC Female Connectors Rated Up To 1,000 MHz in a Toggle Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

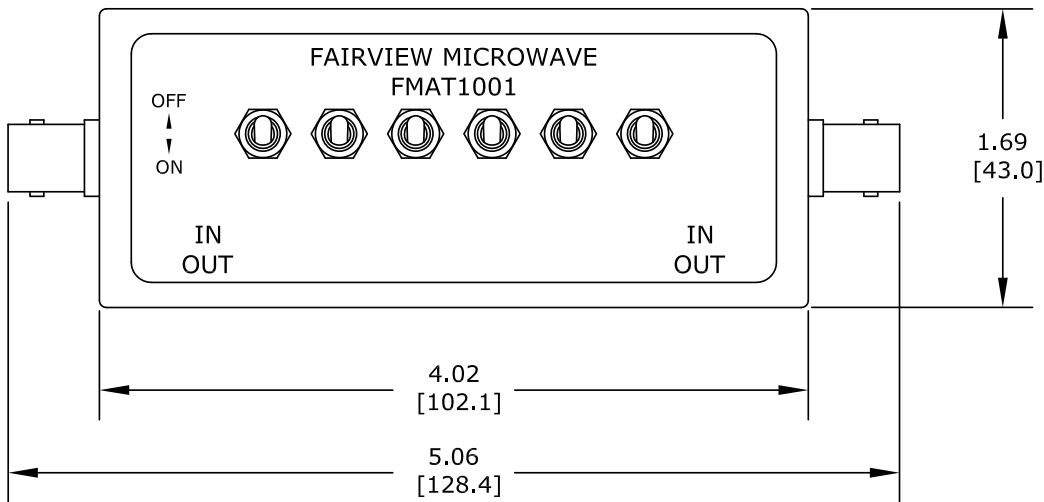
For additional information on this product, please click the following link: [0 to 42 dB Step Attenuator 75 Ohm BNC Female Connectors Rated Up To 1,000 MHz in a Toggle Design FMAT1001](https://www.fairviewmicrowave.com/42db-step-attenuator-0db-bnc-female-dc-1000-mhz-0-watts-fmat1001-p.aspx)

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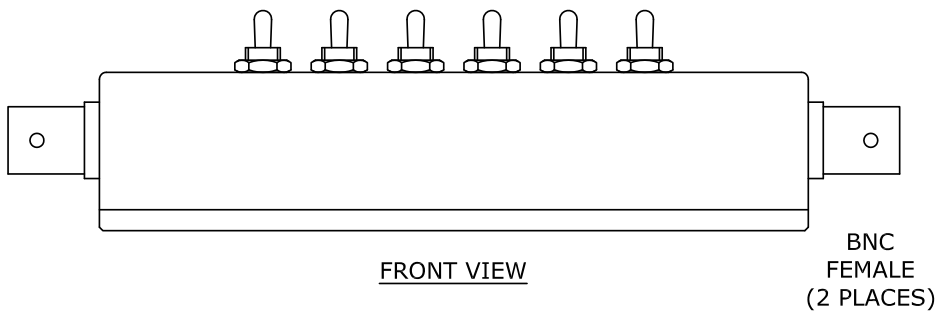
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FMAT1001 CAD Drawing

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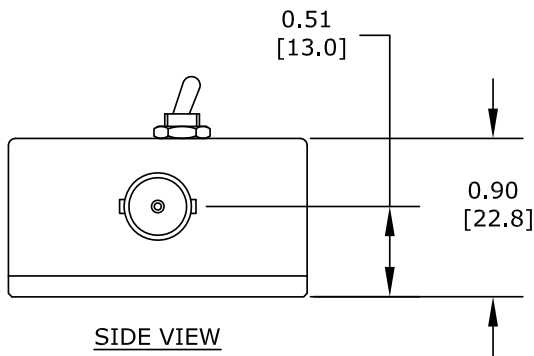


TOP VIEW



FRONT VIEW

BNC  
FEMALE  
(2 PLACES)



SIDE VIEW

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE	DWG NO		CAGE CODE		
	FMAT1001		3FKR5		
CAD FILE		081415	SHEET	SCALE	N/A
				SIZE	A
					2233