

# Type-N/BNC Adaptenuator

50Ω 0.5W 6dB DC to 2000 MHz

## NF-BM-6



### Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 150°C
Permanent damage may occur if any of these limits are exceeded.	

### Features

- improved interface matching
- wideband, DC to 2000 MHz, useable to 4000 MHz
- excellent VSWR, 1.1:1 typ.
- excellent flatness,  $\pm 0.1$  dB typ.
- rugged unibody construction

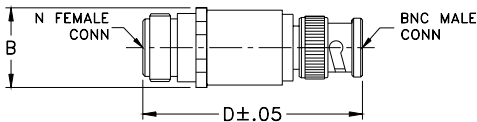
CASE STYLE: DJ867

Connectors	Model	Price	Qty.
Conn1 N-Female	Conn2 BNC-Male	NF-BM-6	\$19.95 ea. (1-24)

### Applications

- instrumentation
- provides attenuation and connector type change
- minimizes hardware

### Outline Drawing



### Electrical Specifications

FREQ. (MHz)	ATTENUATION (dB)						VSWR (:1)						MAX. INPUT POWER (W)		
	Flatness*						DC-500 MHz		DC-1000 MHz		DC-2000 MHz				
	$f_L$ - $f_U$		Nom.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.		Max.	
DC-2000	6 $\pm$ 0.3		0.05	0.15	0.10	0.20	0.15	0.25	1.1	1.2	1.1	1.2	1.2	1.25	0.5

\*Flatness defined as peak to peak attenuation over band divided by 2.

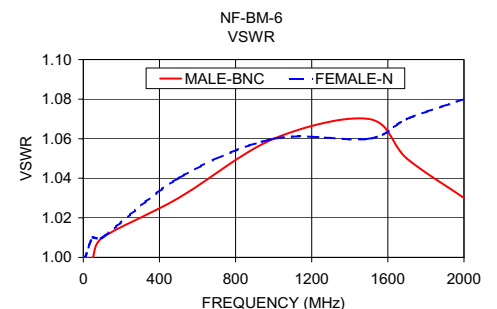
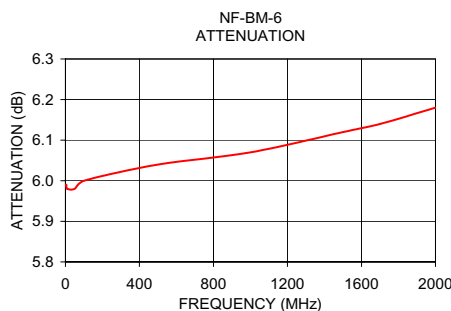
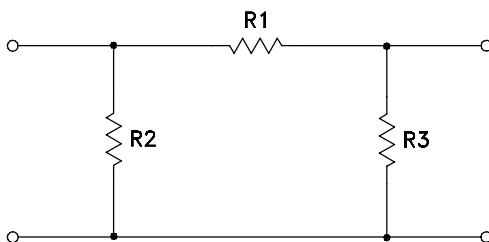
### Typical Performance Data

FREQUENCY (MHz)	ATTENUATION (dB)	VSWR (:1)	
		BNC-Male	N-Female
1.00	5.99	1.00	1.00
5.00	5.99	1.00	1.00
10.00	5.98	1.00	1.00
50.00	5.98	1.00	1.01
100.00	6.00	1.01	1.01
500.00	6.04	1.03	1.04
1000.00	6.07	1.06	1.06
1500.00	6.12	1.07	1.06
1700.00	6.14	1.05	1.07
2000.00	6.18	1.03	1.08

### Outline Dimensions (inch/mm)

B	D	wt
.73	2.00	grams
18.54	50.80	48.2

### Electrical Schematic



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IF/RF MICROWAVE COMPONENTS

REV. B  
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EE-9890  
NF-BM-6  
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