

Type-N/BNC Adaptenuator

50Ω 0.5W 3dB DC to 2000 MHz

NM-BF-3



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, ± 0.1 dB typ.
- rugged unibody construction

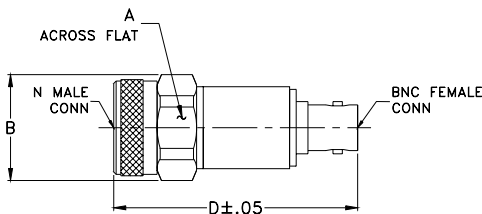
CASE STYLE: DJ866

Connectors	Model	Price	Qty.
Conn1 N-Male	Conn2 BNC-Female	NM-BF-3	\$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	3 \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.

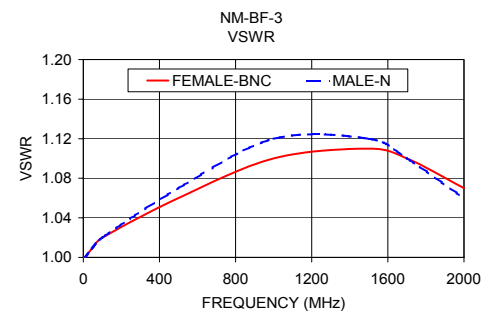
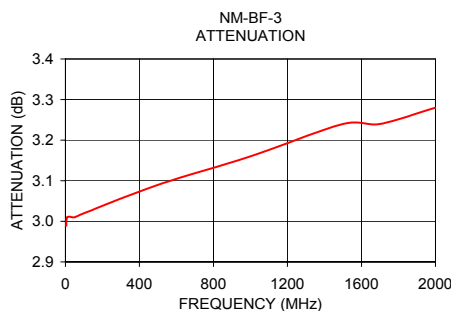
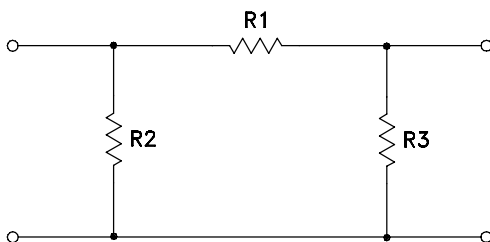
Typical Performance Data

FREQUENCY (MHz)	ATTENUATION (dB)	VSWR (:1)	
		BNC-Female	N-Male
1.00	2.99	1.00	1.00
5.00	2.99	1.00	1.00
10.00	3.01	1.00	1.00
50.00	3.01	1.01	1.01
100.00	3.02	1.02	1.02
500.00	3.09	1.06	1.07
1000.00	3.16	1.10	1.12
1500.00	3.24	1.11	1.12
1700.00	3.24	1.10	1.10
2000.00	3.28	1.07	1.06

Outline Dimensions (inch/mm)

A	B	D	wt
.812	.88	2.03	grams
20.62	18.29	51.56	57.0

Electrical Schematic



Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
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