



## FEATURES

- Flat Response
- Excellent VSWR
- Low cost adapters, available from stock
- Brass body, nickel plated



Generic photo used for illustration purposes only

Model No.	SM-BF50+
Case Style	DJ1024
Connectors	SMA-Male to BNC-Female

**+RoHS Compliant**

The +Suffix identifies RoHS Compliance.  
See our website for methodologies and qualifications

## APPLICATIONS

- Interconnection of RF cable and equipment
- Testing

ELECTRICAL SPECIFICATIONS  $T_{AMB}=25^{\circ}\text{C}$ 

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range	-	DC	-	2	GHz
Insertion Loss	-	-	0.05	-	dB
VSWR <sup>1</sup>	-	-	-	1.20	:1

## ABSOLUTE MAXIMUM RATINGS

Parameter	Ratings
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

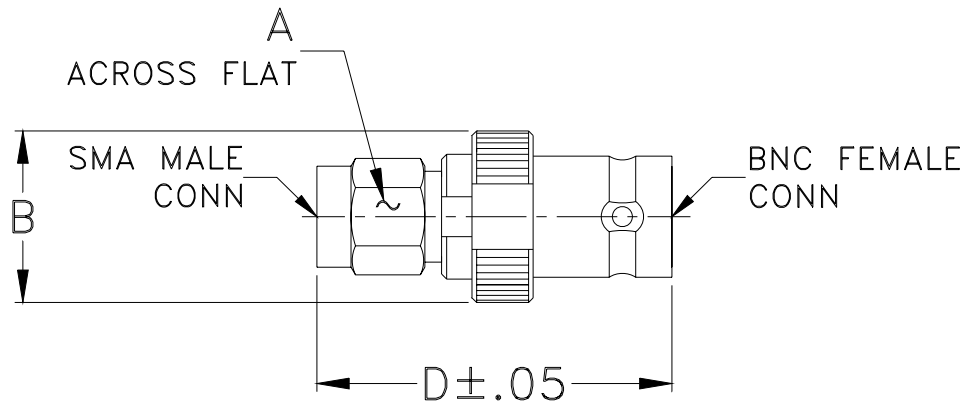


## Adapter

SM-BF50+

50Ω DC to 2 GHz SMA-Male to BNC-Female

## OUTLINE DRAWING

OUTLINE DIMENSIONS (Inch  
mm)

A	B	C	D	E	wt
.312	.53	--	1.10	--	grams
7.92	13.46	--	27.94	--	8.6



COAXIAL

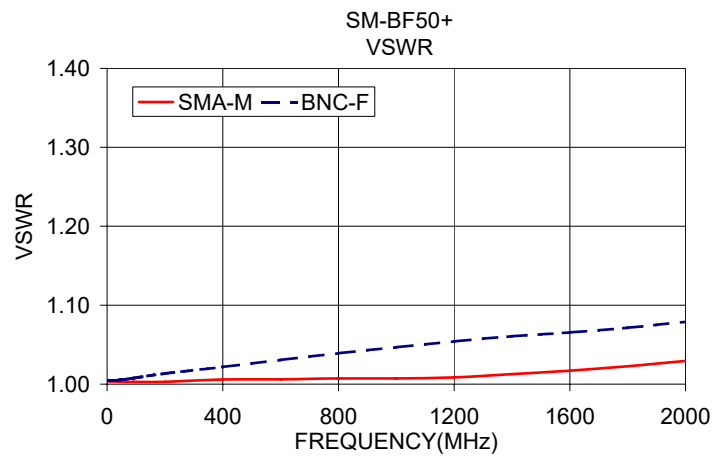
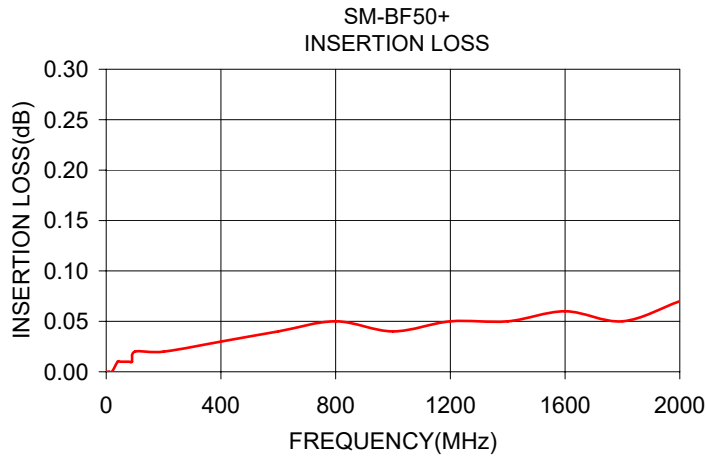
# Adapter

SM-BF50+

Mini-Circuits

50Ω DC to 2 GHz SMA-Male to BNC-Female

## TYPICAL PERFORMANCE DATA



### 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.
- The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the standard terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/terms/viewterm.html](http://www.minicircuits.com/terms/viewterm.html)



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