

Coaxial Adapter, SMA-F to BNC-M

SF-BM50+

50Ω

DC to 2 GHz



CASE STYLE: DJ1023

Connectors	Model
Conn1 SMA-F	Conn2 BNC-M
Model SF-BM50+	

+RoHS Compliant
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Maximum 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.

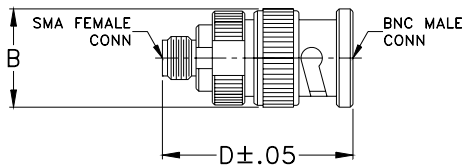
Features

- flat response
- excellent VSWR
- low cost adapters, available from stock
- brass body, nickel plated

Applications

- interconnection of RF cables and equipment
- testing

Outline Drawing



Outline Dimensions (inch/mm)

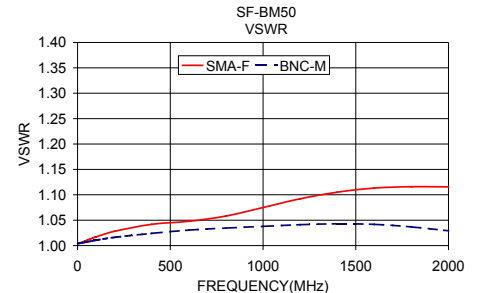
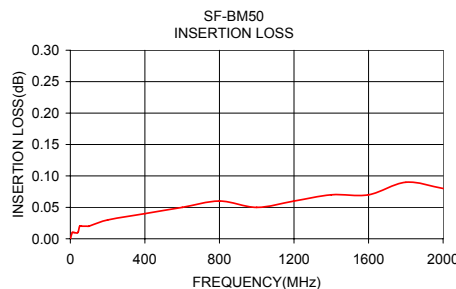
A	B	C	D	E	wt
--	.57	--	1.11	--	grams
--	14.48	--	28.19	--	13.3

Electrical Specifications T_{AMB}=25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)	VSWR (:1) Max.
f _L -f _U	Typ.	DC-2 GHz
DC-2	0.05	1.20

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)	
		SMA-F	BNC-M
1.00	0.00	1.00	1.00
10.00	0.01	1.00	1.00
20.00	0.01	1.01	1.01
40.00	0.01	1.01	1.01
50.00	0.02	1.01	1.01
60.00	0.02	1.01	1.01
70.00	0.02	1.01	1.01
80.00	0.02	1.01	1.01
90.00	0.02	1.02	1.01
100.00	0.02	1.02	1.01
200.00	0.03	1.03	1.02
400.00	0.04	1.04	1.02
600.00	0.05	1.05	1.03
800.00	0.06	1.06	1.03
1000.00	0.05	1.07	1.04
1200.00	0.06	1.09	1.04
1400.00	0.07	1.11	1.04
1600.00	0.07	1.11	1.04
1800.00	0.09	1.12	1.04
2000.00	0.08	1.12	1.03



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-Circuit's 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-Circuit's website at www.minicircuits.com/WCLStore/terms.jsp

