

Coaxial

Adapter, SMA-F to BNC-F

SF-BF50+

50Ω

DC to 2 GHz



Generic photo used for illustration purposes only

CASE STYLE: DJ1025

Connectors	Model
Conn1 SMA-F	Conn2 BNC-F
SF-BF50+	

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

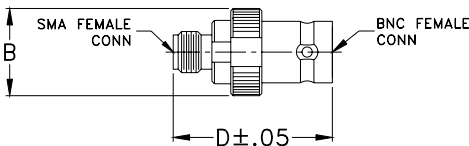
Applications

- interconnection of RF cables and equipment
- testing

+RoHS Compliant

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

Outline Drawing



Outline Dimensions (inch/mm)

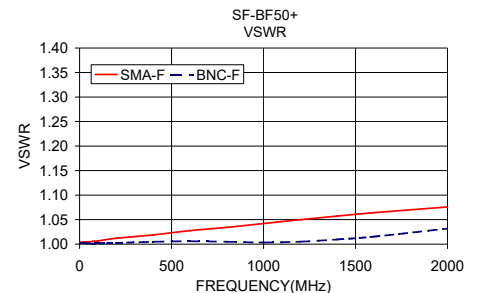
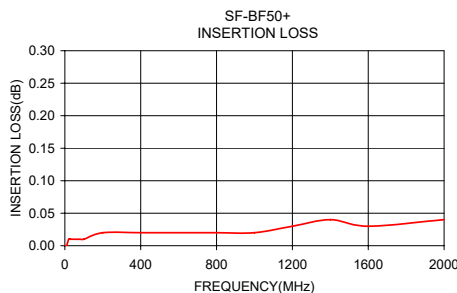
A	B	C	D	E	wt
--	.53	--	.97	--	grams
--	13.46	--	24.64	--	6.9

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-F
1.00	0.00	1.00	1.00
5.00	0.00	1.00	1.00
10.00	0.00	1.00	1.00
20.00	0.01	1.00	1.00
30.00	0.01	1.00	1.00
40.00	0.01	1.00	1.00
50.00	0.01	1.00	1.00
60.00	0.01	1.01	1.00
70.00	0.01	1.01	1.00
80.00	0.01	1.01	1.00
100.00	0.01	1.01	1.00
200.00	0.02	1.01	1.00
400.00	0.02	1.02	1.01
600.00	0.02	1.03	1.01
800.00	0.02	1.03	1.00
1000.00	0.02	1.04	1.00
1200.00	0.03	1.05	1.01
1400.00	0.04	1.06	1.01
1600.00	0.03	1.06	1.02
2000.00	0.04	1.08	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.
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