

Coaxial

Adapter, SMA-F to BNC-M

SF-BM50+

50Ω

DC to 2 GHz



CASE STYLE: DJ1023

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

| Connectors | Model | Price | Qty. |
|----------------|----------------|----------|-------------------|
| Conn1 SMA-F | Conn2 BNC-M | SF-BM50+ | \$3.95 ea. (1-49) |

Applications

- interconnection of RF cables and equipment
- testing

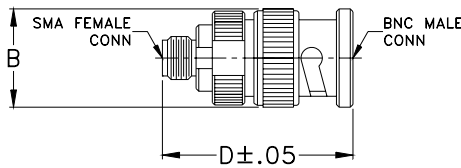
+RoHS Compliant

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

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 |

Outline Drawing

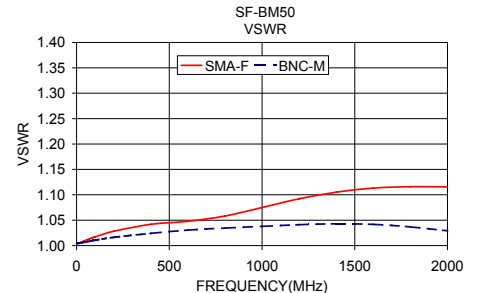
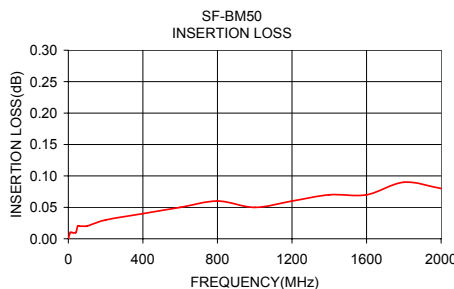


Outline Dimensions (inch/mm)

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

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.
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