

Coaxial

Adapter, N-FEM to BNC-MALE

50Ω DC to 2 GHz

NF-BM50+



CASE STYLE: DJ1011

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

- excellent VSWR, 1.05:1 typ.
- low insertion loss, 0.06 dB typ.
- brass body, nickel plated

| Connectors | Model | Price | Qty. |
|----------------|----------------------------|------------|--------|
| Conn1 N-FEM | Conn2 BNC-MALE NF-BM50+ | \$9.95 ea. | (1-49) |

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

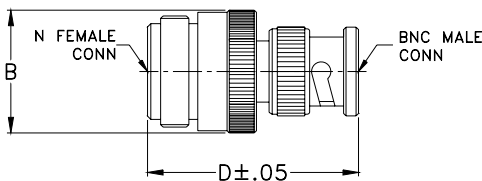
Applications

- interconnection of RF cables and equipment
- connector saver

Electrical Specifications T_{AMB}=25°C

| FREQUENCY (GHz) | INSERTION LOSS (dB) | VSWR (:1) Max. |
|--------------------------------|---------------------|----------------|
| f _L -f _U | Typ. | DC-2 GHz |
| DC-2 | 0.06 | 1.15 |

Outline Drawing

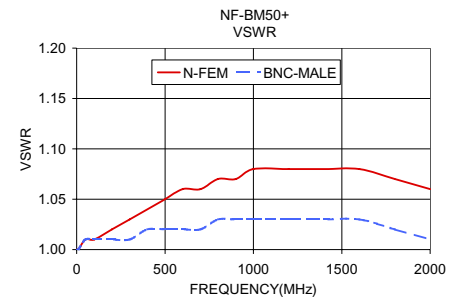
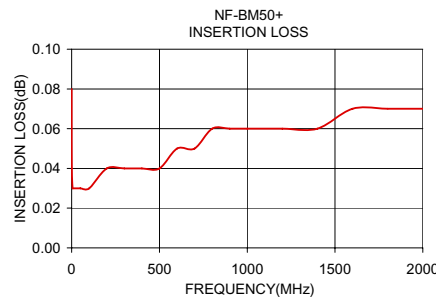


Outline Dimensions (inch/mm)

| A | B | C | D | E | wt |
|----|-------|----|-------|----|-------|
| -- | .68 | -- | 1.36 | -- | grams |
| -- | 17.27 | -- | 34.54 | -- | 31.8 |

Typical Performance Data

| Frequency (MHz) | Insertion Loss (dB) | VSWR (:1) | |
|-----------------|---------------------|-----------|----------|
| | | N-FEM | BNC-MALE |
| 0.30 | 0.08 | 1.00 | 1.00 |
| 1.00 | 0.04 | 1.00 | 1.00 |
| 5.00 | 0.03 | 1.00 | 1.00 |
| 10.00 | 0.03 | 1.00 | 1.00 |
| 50.00 | 0.03 | 1.01 | 1.01 |
| 100.00 | 0.03 | 1.01 | 1.01 |
| 200.00 | 0.04 | 1.02 | 1.01 |
| 300.00 | 0.04 | 1.03 | 1.01 |
| 400.00 | 0.04 | 1.04 | 1.02 |
| 500.00 | 0.04 | 1.05 | 1.02 |
| 600.00 | 0.05 | 1.06 | 1.02 |
| 700.00 | 0.05 | 1.06 | 1.02 |
| 800.00 | 0.06 | 1.07 | 1.03 |
| 900.00 | 0.06 | 1.07 | 1.03 |
| 1000.00 | 0.06 | 1.08 | 1.03 |
| 1200.00 | 0.06 | 1.08 | 1.03 |
| 1400.00 | 0.06 | 1.08 | 1.03 |
| 1600.00 | 0.07 | 1.08 | 1.03 |
| 1800.00 | 0.07 | 1.07 | 1.02 |
| 2000.00 | 0.07 | 1.06 | 1.01 |



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site

The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. OR
M113329
NF-BM50+
SS/TD/AM
070905