

Coaxial Matching Pad

50/75Ω

DC to 2000 MHz

BMP-5075R+



Maximum Ratings

| | |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature | -55°C to 100°C |
| RF Input Power | 0.25W |

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

Features

- excellent VSWR 1.15: typ.
- excellent flatness
- wideband coverage, DC to 2000 MHz

Applications

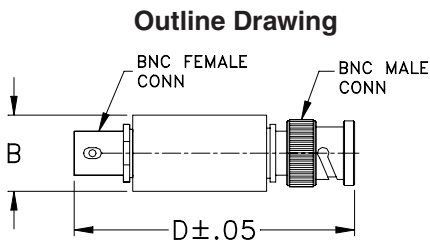
- impedance matching

CASE STYLE: FF55

| Connectors | Model | Price | Qty. |
|------------|------------|-------------|-------|
| 75Ω-F-BNC | BMP-5075R+ | \$24.95 ea. | (1-9) |
| 50Ω-M-BNC | | | |

+ 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.



Outline Dimensions (inch/mm)

| B | D | wt |
|-------|-------|-------|
| .54 | 2.59 | grams |
| 13.72 | 65.79 | 40.0 |

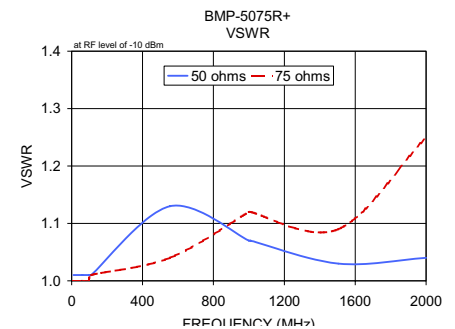
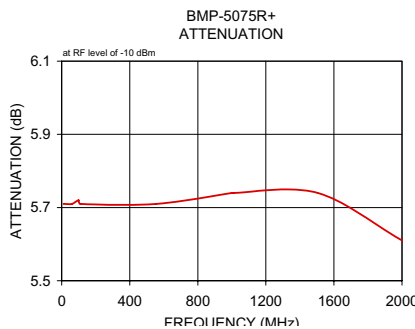
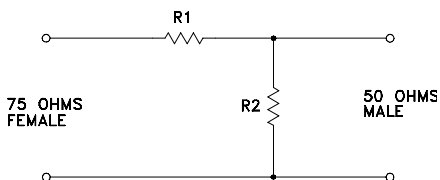
Electrical Specifications

| FREQ. (MHz) | Flatness Max. | ATTENUATION (dB) | | | VSWR (:1) Max. | | | POWER (W) |
|-------------|---------------|------------------|--------------|---------------|----------------|--------------|---------------|-----------|
| | | DC-100 MHz | 100-1000 MHz | 1000-2000 MHz | DC-100 MHz | 100-1000 MHz | 1000-2000 MHz | |
| $f_L - f_U$ | Nom. | | | | | | | |
| DC-2000 | 5.7±0.1 | 0.2 | 0.3 | 0.4 | 1.06 | 1.22 | 1.4 | 0.25 |

Typical Performance Data

| Frequency (MHz) | Attenuation (dB) | VSWR (:1) | |
|-----------------|------------------|-----------|------|
| | | 50 Ω | 75 Ω |
| 10.00 | 5.71 | 1.01 | 1.00 |
| 20.00 | 5.71 | 1.01 | 1.00 |
| 60.00 | 5.71 | 1.01 | 1.00 |
| 100.00 | 5.72 | 1.01 | 1.00 |
| 110.00 | 5.71 | 1.01 | 1.01 |
| 555.00 | 5.71 | 1.13 | 1.04 |
| 1000.00 | 5.74 | 1.07 | 1.12 |
| 1010.00 | 5.74 | 1.07 | 1.12 |
| 1505.00 | 5.74 | 1.03 | 1.09 |
| 2000.00 | 5.61 | 1.04 | 1.25 |

Electrical Schematic



Mini-Circuits®
 ISO 9001 ISO 14001 AS 9100 CERTIFIED
 The Design Engineers Search Engine Provides ACTUAL Data Instantly at minicircuits.com
 I/F/R MICROWAVE COMPONENTS

For detailed performance specs & shopping online see web site

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet 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/MCLStore/terms.jsp.

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