

Coaxial

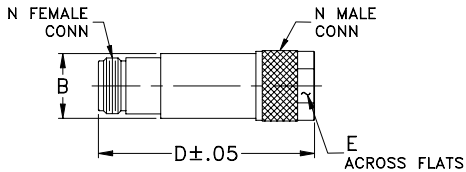
N-Type Fixed Attenuator

50Ω 1W 6dB DC to 6000 MHz

Maximum Ratings

| | |
|-----------------------|----------------|
| Operating Temperature | -45°C to 100°C |
| Storage Temperature | -55°C to 100°C |

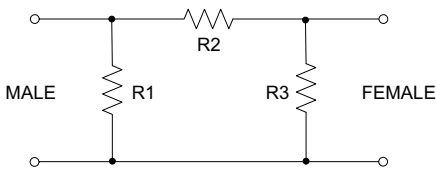
Outline Drawing



Outline Dimensions (inch/mm)

| B | D | E | wt |
|-------|-------|-------|-------|
| .68 | 2.11 | .718 | grams |
| 17.27 | 53.59 | 18.24 | 72.5 |

Electrical Schematic



Features

- wideband coverage, DC to 6000 MHz
- 1 watt rating
- rugged unibody construction
- off-the-shelf availability
- very low cost

Applications

- impedance matching
- signal level adjustment

UNAT-6+
UNAT-6



CASE STYLE: FF779

| Connectors | Model | Price | Qty. |
|------------|-----------|-------------|-------|
| N-Type | UNAT-6(+) | \$15.95 ea. | (1-9) |

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

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

Electrical Specifications

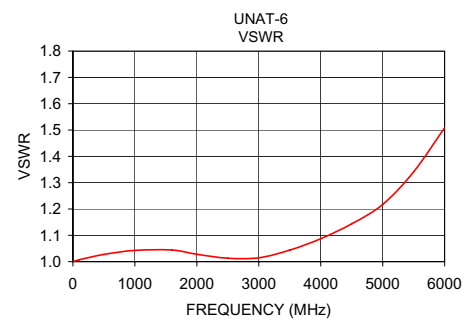
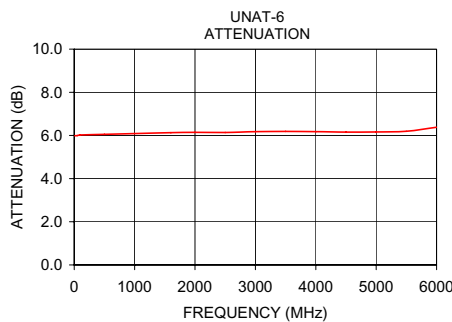
| FREQ. RANGE (MHz) | ATTENUATION * (dB) Flatness ** | | | | | VSWR (:1) | | | | | MAX. INPUT POWER (W) | |
|-------------------------|---|------|------|------|------|----------------------------------|------|------|------|------|-------------------------------|------|
| | DC-3 GHz 3-4.5 GHz 4.5-6 GHz DC-6 GHz | | | | | DC-3 GHz 3-4.5 GHz 4.5-6 GHz | | | | | | |
| | Nom. | | Typ. | Typ. | Typ. | Typ. | Typ. | | Max. | Max. | | Typ. |
| | | | | | | | | | | | | |
| DC-6000 | 6±0.3 | 0.15 | 0.15 | 0.15 | 0.40 | 1.05 | 1.20 | 1.20 | 1.43 | 1.50 | 1.0 | |

* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation over band divided by 2.

Typical Performance Data

| Frequency (MHz) | Attenuation (dB) | VSWR (:1) |
|-----------------|------------------|-----------|
| 10 | 5.99 | 1.00 |
| 50 | 5.99 | 1.00 |
| 100 | 6.02 | 1.01 |
| 500 | 6.05 | 1.03 |
| 1000 | 6.09 | 1.04 |
| 1600 | 6.13 | 1.04 |
| 2000 | 6.15 | 1.03 |
| 2500 | 6.14 | 1.01 |
| 3000 | 6.18 | 1.01 |
| 3500 | 6.19 | 1.04 |
| 4000 | 6.18 | 1.09 |
| 4500 | 6.15 | 1.14 |
| 5000 | 6.16 | 1.22 |
| 5500 | 6.19 | 1.34 |
| 6000 | 6.38 | 1.51 |



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