

**0 to 30 dB Step Attenuator With a 1 dB Step N  
 Female Connectors Rated Up To 2.7 GHz and Up to  
 2 Watts in a Dial Design**

**Electrical Specifications\***

| Description        | Min                                     | Typ     | Max | Units  |
|--------------------|---|---------|-----|--------|
| Frequency Range    | DC                                      |         | 2.7 | GHz    |
| Impedance          |   | 50      |     | Ohms   |
| Attenuation Value  |   | 0 to 30 |     | dB     |
| Step Size          |   | 1       |     | dB     |
| Step Type          |   | Dial    |     |        |
| Accuracy Statement | + / - .2 dB or 3 % whichever is greater |         |     |        |
| Input Power        |   |         | 2   | Watts  |
| Peak Power         |   |         | 1   | KWatts |
| VSWR               |   |         | 2:1 |        |

\* Values at 25°C, sea level

**Mechanical Specifications**

**Connectors**

| Description | Connector 1 | Connector 2 |
|-------------|-------------|-------------|
| Type        | N Female    | N Female    |

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

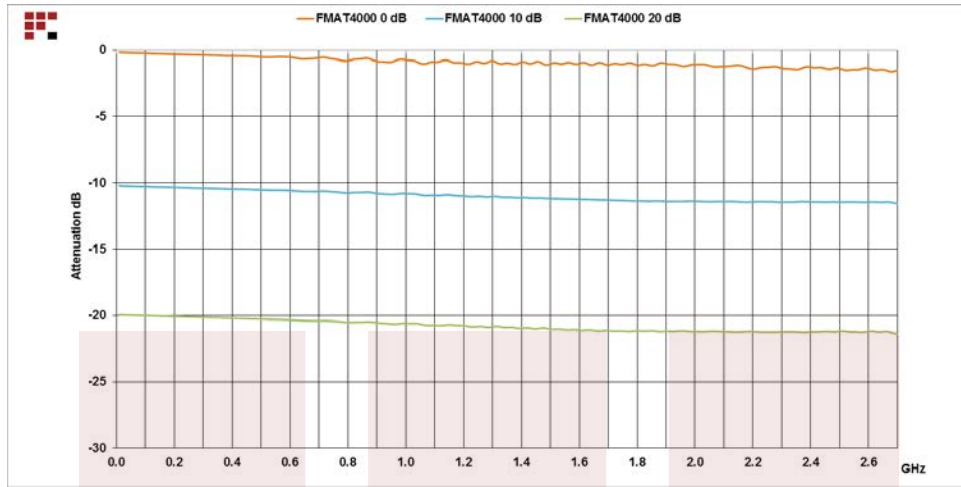


**Features:**

- Design: Step Attenuator
- Connector 1: N Female
- Connector 2: N Female

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**Typical Performance Data**

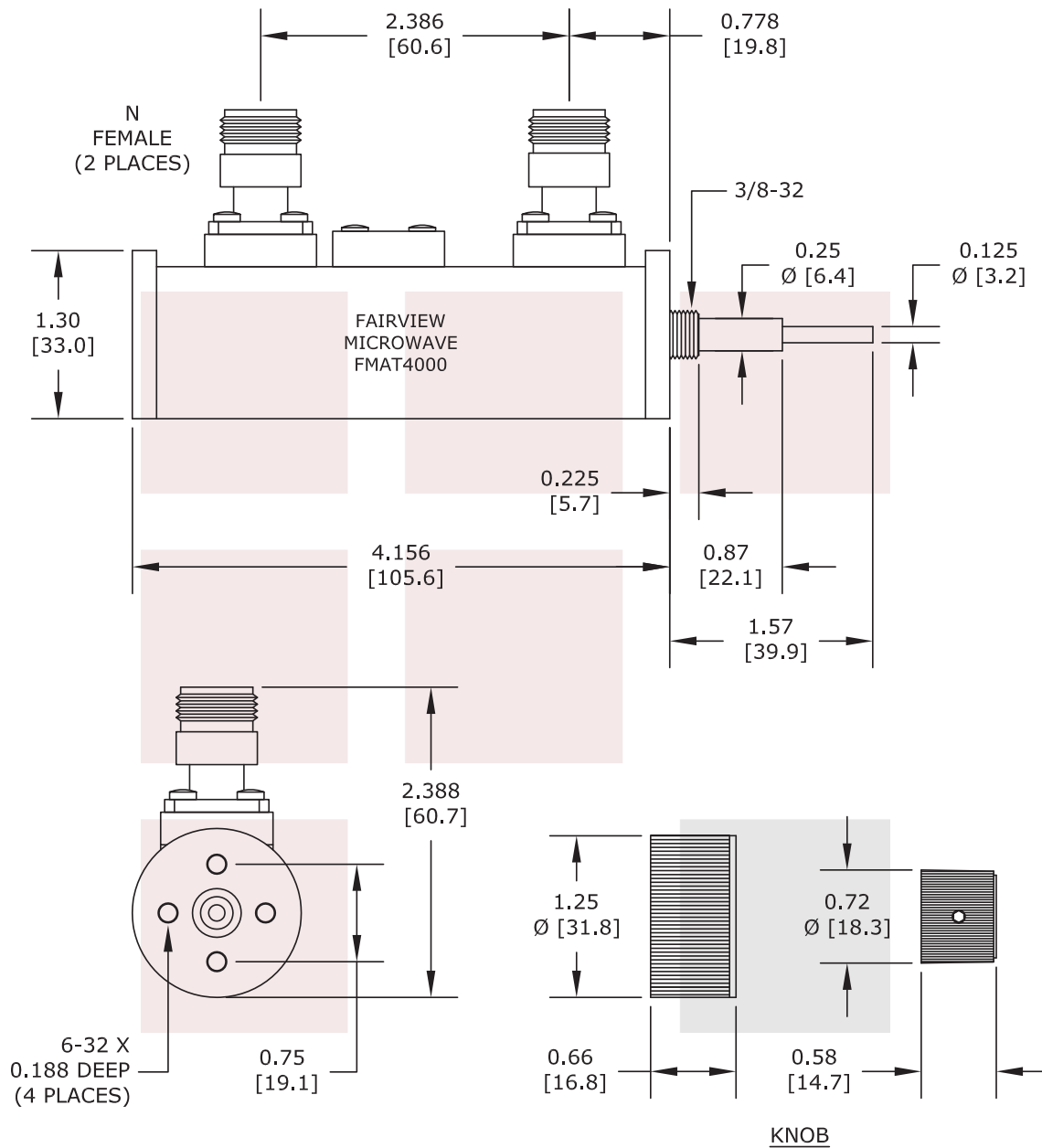


0 to 30 dB Step Attenuator With a 1 dB Step N Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [0 to 30 dB Step Attenuator With a 1 dB Step N Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design FMAT4000](http://www.fairviewmicrowave.com/30db-step-attenuator-1db-n-female-dc-2.7-ghz-2-watts-fmat4000-p.aspx)

URL: <http://www.fairviewmicrowave.com/30db-step-attenuator-1db-n-female-dc-2.7-ghz-2-watts-fmat4000-p.aspx>

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|   |        |   |       |                    |             |
|---|--------|---|-------|--------------------|-------------|
| <b>FAIRVIEW MICROWAVE INC.</b><br>ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM   |        | NOTES:<br>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.<br>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.<br>3. DIMENSIONS ARE IN INCHES [mm]. |       |                    |             |
| TITLE<br>0 to 30 dB Step Attenuator With a 1 dB Step N Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design |        | DWG NO<br>FMAT4000  |       | CAGE CODE<br>3FKR5 |             |
| CAD FILE  | 071615 | SHEET   | SCALE | N/A                | SIZE A 2233 |