BANDPASS FILTER (K-Band)  

**FB-2250**

**Features**
- Passes Entire K-band (18-26.5 GHz)
- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- Wide Stop Band
- Sharp Roll-Off
- **FB-2250.S2P**

**Electrical Specifications** – Specifications guaranteed from -55 to +100°C, measured in a 50Ω system.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency (GHz)</th>
<th>Min</th>
<th>Typ.</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency, ( f_c ) (GHz)</td>
<td>22.5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Passband (GHz)</td>
<td>18-27 (± 20% of ( f_c ))</td>
<td></td>
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<tr>
<td>Insertion Loss @ ( f_c ) (dB)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Passband Return Loss (dB)</td>
<td>18-27</td>
<td>10</td>
<td>15</td>
<td></td>
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<tr>
<td>Stopband Suppression (dB)</td>
<td>16.3, 30</td>
<td>40</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16.8, 28.8</td>
<td>25</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Impedance (Ω)</td>
<td></td>
<td>50</td>
<td></td>
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</tr>
<tr>
<td>RF Power (W)</td>
<td></td>
<td>1</td>
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<tr>
<td>Weight (g)</td>
<td></td>
<td>33</td>
<td></td>
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</tbody>
</table>

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**BANDPASS FILTER (K-Band)**

**FB-2250**

**Typical Performance**

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**Model Number** | **Description**
---|---
FB-2250 | 18-27 GHz Bandpass Filter with SMA Female connectors

1Default is SMA female connectors. Consult factory for other connector options.

**NOTE:**
Specifications are subject to change without notice. Contact Marki Microwave for the most recent specifications and data sheets.

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