Bandpass Filters
For Interference and PIM Hunting
Antenna Systems

Introduction
The Anritsu bandpass filters in this series are designed to be used with the handheld MA2700 InterferenceHunter™ and the 2000-1844-R PIM Hunter™ systems, and can be used in a variety of applications as a general purpose bandpass filter. The bands offered cover common cellular uplink frequencies. Contact Anritsu for additional frequency ranges.

<table>
<thead>
<tr>
<th>Anritsu Part Number</th>
<th>Start Frequency</th>
<th>Stop Frequency</th>
<th>Usage E-UTRA Band</th>
<th>Nominal Insertion Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000-1734-R</td>
<td>699 MHz</td>
<td>715 MHz</td>
<td>Bands 12 &amp; 17</td>
<td>3 dB</td>
</tr>
<tr>
<td>2000-1735-R</td>
<td>776 MHz</td>
<td>788 MHz</td>
<td>Band 13</td>
<td>3 dB</td>
</tr>
<tr>
<td>2000-1736-R</td>
<td>815 MHz</td>
<td>850 MHz</td>
<td>U.S. Cellular &amp; Band 5</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1742-R</td>
<td>832 MHz</td>
<td>862 MHz</td>
<td>Band 20</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1739-R</td>
<td>880 MHz</td>
<td>915 MHz</td>
<td>Band 8</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1740-R</td>
<td>1710 MHz</td>
<td>1785 MHz</td>
<td>Band 3</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1737-R</td>
<td>1711 MHz</td>
<td>1756 MHz</td>
<td>AWS &amp; Band 4</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1738-R</td>
<td>1850 MHz</td>
<td>1910 MHz</td>
<td>PCS &amp; Band 2</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1741-R</td>
<td>1920 MHz</td>
<td>1980 MHz</td>
<td>Band 1</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1799-R</td>
<td>2305 MHz</td>
<td>2320 MHz</td>
<td>WCS</td>
<td>4 dB</td>
</tr>
<tr>
<td>2000-1743-R</td>
<td>2500 MHz</td>
<td>2570 MHz</td>
<td>Band 7</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1911-R</td>
<td>703 MHz</td>
<td>748 MHz</td>
<td>Band 28</td>
<td>2 dB</td>
</tr>
<tr>
<td>2000-1912-R</td>
<td>788 MHz</td>
<td>798 MHz</td>
<td>Band 14</td>
<td>3 dB</td>
</tr>
<tr>
<td>2000-1925-R</td>
<td>663 MHz</td>
<td>698 MHz</td>
<td>Band 71</td>
<td>3 dB</td>
</tr>
<tr>
<td>2000-1926-R</td>
<td>776 MHz</td>
<td>806 MHz</td>
<td>Bands 13 &amp; 14</td>
<td>3 dB</td>
</tr>
</tbody>
</table>

These Anritsu bandpass filters are equipped with standard type-N connectors and can be used without the plastic housing. The housing can be easily removed and reinstalled using a #1 Phillips screwdriver. The torque amplifying thumb nut can be removed with the supplied 0.050 inch hex wrench. All specifications are typical.
2000-1734-R
707 MHz Center Frequency

Passband

Stopband

2000-1735-R
782 MHz Center Frequency

Passband

Stopband
Technical Data

Bandpass Filters

2000-1736-R
832 MHz Center Frequency

2000-1736-R
Amplitude Response

Passband

Stopband

2000-1737-R
1733 MHz Center Frequency

2000-1737-R
Amplitude Response

Passband

Stopband
2000-1738-R
1880 MHz Center Frequency

2000-1739-R
898 MHz Center Frequency
2000-1740-R
1748 MHz Center Frequency

Passband

Stopband

2000-1741-R
1950 MHz Center Frequency

Passband

Stopband
### 2000-1742-R
847 MHz Center Frequency

**Passband**

**Stopband**

### 2000-1743-R
2535 MHz Center Frequency

**Passband**

**Stopband**
Technical Data

2000-1798-R
DC to 6000 MHz Passband Frequency

![Passband](image1)

2000-1799-R
2313 MHz Center Frequency

![Passband](image2)  ![Stopband](image3)
**Bandpass Filters**

**Technical Data**

**2000-1911-R**
726 MHz Center Frequency

![Passband](image1)

![Stopband](image2)

**2000-1912-R**
793 MHz Center Frequency

![Passband](image3)

![Stopband](image4)
Technical Data

Bandpass Filters

2000-1925-R
681 MHz Center Frequency

![Passband](image1)

![Stopband](image2)

2000-1926-R
791 MHz Center Frequency

![Passband](image3)

![Stopband](image4)

**Regulatory Compliance**

- Safety: EN 61010-1:2010
- RoHS Directive: 2011/65/EU
- Australia and New Zealand: RCM AS/NZS 4417:2012
- South Korea: KCC-REM-A21-0004
Training at Anritsu

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