LOWPASS FILTER

Features
- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression
- 13th Order Filter
- FLP-2650.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>3 dB Cutoff Frequency</td>
<td>26.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passband Insertion Loss (dB)</td>
<td>DC-25</td>
<td>1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passband Return Loss (dB)</td>
<td>DC-25</td>
<td>10</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Stopband Suppression (dB)</td>
<td>&gt;36.5</td>
<td>40</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Impedance (Ω)</td>
<td></td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RF Power (W)</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (g)</td>
<td></td>
<td>16.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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Typical Performance

Fig. 1. Magnitude response for a typical FLP-2650.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLP-2650</td>
<td>26.5 GHz Lowpass Filter with SMA Female connectors¹</td>
</tr>
</tbody>
</table>

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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