Product Classification

**Product Type**  
Interference mitigation filter

General Specifications

**Color**  
Gray

**Modularity**  
2-Twin

**Mounting Pipe Hardware**  
Band clamps (2)

**RF Connector Interface**  
7-16 DIN Female

**RF Connector Interface Body Style**  
Long neck

Dimensions

**Height**  
214 mm | 8.425 in

**Width**  
120 mm | 4.724 in

**Depth**  
90 mm | 3.543 in

**Ground Screw Diameter**  
5 mm | 0.197 in
Outline Drawing

Electrical Specifications, dc Power/Alarm

Lightning Surge Current 3 kA
Lightning Surge Current Waveform 10/350 waveform

Electrical Specifications

Sub-module 1 | 2
Branch 1
License Band IMT 2600, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz 2575–2615
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss, maximum, dB</td>
<td>1.3</td>
</tr>
<tr>
<td>Insertion Loss, typical, dB</td>
<td>0.5</td>
</tr>
<tr>
<td>Total Group Delay, maximum, ns</td>
<td>100</td>
</tr>
<tr>
<td>Total Group Delay, typical, ns</td>
<td>40</td>
</tr>
<tr>
<td>Return Loss, minimum, dB</td>
<td>18</td>
</tr>
<tr>
<td>Return Loss, typical, dB</td>
<td>20</td>
</tr>
<tr>
<td>Input Power, RMS, maximum, W</td>
<td>250</td>
</tr>
<tr>
<td>Input Power, PEP, maximum, W</td>
<td>1500</td>
</tr>
<tr>
<td>3rd Order PIM, maximum, dBc</td>
<td>-150</td>
</tr>
<tr>
<td>3rd Order PIM, typical, dBc</td>
<td>-152</td>
</tr>
<tr>
<td>3rd Order PIM Test Method</td>
<td>Two +43 dBm carriers</td>
</tr>
</tbody>
</table>

**Electrical Specifications, Band Reject**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range, MHz</td>
<td>2500–2570, 2620–2690</td>
</tr>
<tr>
<td>Attenuation, minimum, dB</td>
<td>38</td>
</tr>
</tbody>
</table>
Environmental Specifications

Operating Temperature: -10 °C to +55 °C (+14 °F to +131 °F)
Relative Humidity: Up to 100%

Packaging and Weights

Included: Mounting hardware
Weight, without mounting hardware: 3.5 kg | 7.716 lb