General Specifications

Modularity 2-Twin
Includes Mounting hardware

Electrical Specifications

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

Electrical Specifications Rx (Uplink)

Frequency Range 2530–2550 MHz
Bandwidth 20.00 MHz
Return Loss, minimum 18 dB

Electrical Specifications Tx (Downlink)

Frequency Range 2650–2670 MHz
Bandwidth 20.00 MHz
Insertion Loss, typical 0.30 dB
Return Loss, minimum 18 dB
Input Power, RMS, maximum 100 W
Input Power, PEP, maximum 1000 W
3rd Order PIM, typical -155 dBc
3rd Order PIM Test Method Two +43 dBm carriers

Electrical Specifications, Band Reject

Frequency Range 2690–2700 MHz
Attenuation, minimum 47 dB

dc Power/Alarm Electrical Specifications

Lightning Surge Current 10 kA
Lightning Surge Current Waveform 8/20 waveform

Block Diagram
Mechanical Specifications

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

**RF Connector Interface Body Style**  
Long neck

**Ground Screw Diameter**  
5.00 mm

**Color**  
Gray

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

**Dimensions**

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<tbody>
<tr>
<td>Height</td>
<td>90.0 mm</td>
<td>3.5 in</td>
</tr>
<tr>
<td>Width</td>
<td>130.0 mm</td>
<td>5.1 in</td>
</tr>
<tr>
<td>Depth</td>
<td>102.0 mm</td>
<td>4.0 in</td>
</tr>
<tr>
<td>Mounting Hardware Weight</td>
<td>3.0 kg</td>
<td>6.6 lb</td>
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**Environmental Specifications**

**Operating Temperature**  
-40 °C to +65 °C (-40 °F to +149 °F)

**Relative Humidity**  
Up to 100%

**Ingress Protection Test Method**  
IEC 60529:2001, IP67

Outline Drawing

Pass Band:  
Tx 2650-2670 MHz  
Rx 2530-2550 MHz

Rejection Band:  
2690-2700 MHz  
Attenuation 50 dB typ