### Electrical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency Range (MHz)</th>
<th>Max insertion loss (dB)</th>
<th>Max input VSWR</th>
<th>Impedance (Ω)</th>
<th>Max average input power (W)</th>
<th>Min Isolation @ 600 kHz separation (dB)</th>
<th>Min Isolation @ 5 MHz separation (dB)</th>
<th>Min frequency separation (kHz)</th>
<th>Max frequency separation (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q202GR*1</td>
<td>132 – 148</td>
<td>2.5</td>
<td>1.5:1</td>
<td>50</td>
<td>350</td>
<td>80</td>
<td>90</td>
<td>500</td>
<td>10</td>
</tr>
</tbody>
</table>

### Mechanical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Height inches (mm)</th>
<th>Weight lbs (kg)*</th>
<th>Weight lbs (kg)**</th>
<th>Nominal operating temperature range °F (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q202GR*1</td>
<td>32.5 (826)</td>
<td>55 (24.97)</td>
<td>60 (27.24)</td>
<td>-40 to +140 (-40 to +60)</td>
</tr>
</tbody>
</table>

### Environmental

- Nominal operating temperature range: -40 to +140 (-40 to +60)
- Weight lbs (kg)*: 55 (24.97)
- Weight lbs (kg)**: 60 (27.24)
- Rack-mount type is randomly selected at time of order.

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JAG’s dedication to continuous Research & Development will result in product improvements as they evolve.
Q202GR-1
Also referred as: Q202GR*1
Duplexer, base station, Q-Circuit, 4 cavity, rack mount, 132-148 MHz

- Four cavity configuration provides very high attention at extremely close frequency separation
- Quasi-bandpass response results in suppression of spurious and sideband transmitter noise
- Easy rack mount configuration

The Q-202GR-1 is a 4 cavity duplexer, for use with minimum frequency separations of 500 kHz or greater, in the 132-148 MHz band.

* This is a general representation of the FT Series Q202G duplexer frequency response curve.