2x2 99:1 Narrowband Coupler

Item #: TN1064R1F2A
SN: T008238

Test Data:

<table>
<thead>
<tr>
<th>Input-Output Path</th>
<th>White (Input) – White (Signal Output)</th>
<th>White (Input) – Red (Tap Output)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess Loss&lt;sup&gt;a&lt;/sup&gt;</td>
<td>≤ 0.2 dB</td>
<td></td>
</tr>
<tr>
<td>Coupling Ratio&lt;sup&gt;d&lt;/sup&gt;</td>
<td>99 %</td>
<td>1 %</td>
</tr>
<tr>
<td>Insertion Loss&lt;sup&gt;e&lt;/sup&gt;</td>
<td>0.11 dB</td>
<td>20.07 dB</td>
</tr>
</tbody>
</table>

Center Wavelength: 1064 nm
Coupling Ratio Specification
- Signal Output: 98.7 % - 99.3 %
- Tap Output: 0.7 % - 1.3 %
Bandwidth: ±15 nm
Maximum Optical Power<sup>a</sup>
- With Connectors or Bare Fiber: 1 W
- Spliced: 5 W
Fiber Type: Corning HI 1060

---

a. Specifies the maximum power allowed through the component. Performance and reliability under high power conditions must be determined within the user's setup.
b. All values are measured at room temperature without connectors through the white input port.
c. Ratio of the input optical power to the total optical power from all output ports. It is measured at the center wavelength.
d. Does not include losses, as this is a measurement of the output power distribution only.
e. Includes both the split of the power between the two outputs, as well as any optical losses in the coupler.