### RC Fiber Mini Size WDM Coupler (980/1550nm)

**Features**
- High Isolation
- Low Insertion Loss
- High Reliability

**Applications**
- Fiber Sensor

**Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating wavelength</td>
<td>nm</td>
<td>980/1550 or 980/1590</td>
</tr>
<tr>
<td>Operating bandwidth</td>
<td>nm</td>
<td>±10/20</td>
</tr>
<tr>
<td>Grade</td>
<td></td>
<td>P</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Insertion loss</td>
<td>dB</td>
<td>≤0.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>≤0.35</td>
</tr>
<tr>
<td>Isolation</td>
<td>dB</td>
<td>≥20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>≥18</td>
</tr>
<tr>
<td>PDL</td>
<td>dB</td>
<td>≤0.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>≤0.1</td>
</tr>
<tr>
<td>Directivity</td>
<td>dB</td>
<td>≥55</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>℃</td>
<td>-40 ~ +85</td>
</tr>
<tr>
<td>Configuration</td>
<td></td>
<td>1×2 or 2×2</td>
</tr>
<tr>
<td>Fiber Type</td>
<td></td>
<td>RC SM980</td>
</tr>
<tr>
<td>Package dimension</td>
<td>mm</td>
<td>Ф2.4×30, Ф2.4×25</td>
</tr>
</tbody>
</table>

**Package Dimensions**

**Ordering Information**

<table>
<thead>
<tr>
<th>WDM</th>
<th>Grade</th>
<th>Port</th>
<th>Wavelength</th>
<th>Pigtail</th>
<th>Fiber</th>
<th>Length</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>P= P grade</td>
<td>A= A Grade</td>
<td>1x2</td>
<td>980/1550 980/1590</td>
<td>165μm=165um bare fiber</td>
<td>RC SM980</td>
<td>0.8=0.8m S=Specify</td>
<td>2.4×30 2.4×25</td>
</tr>
</tbody>
</table>